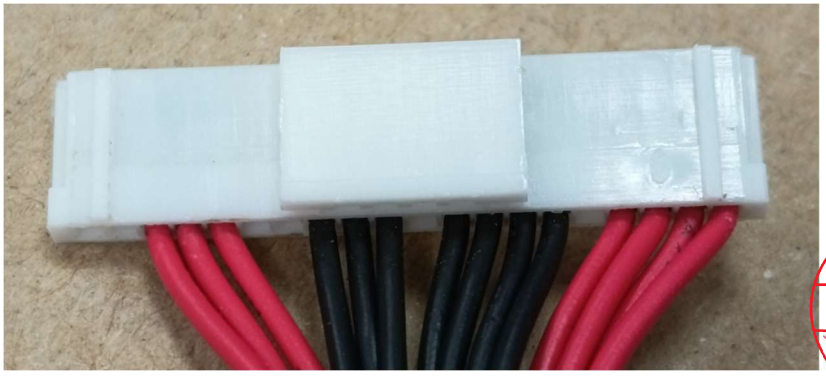
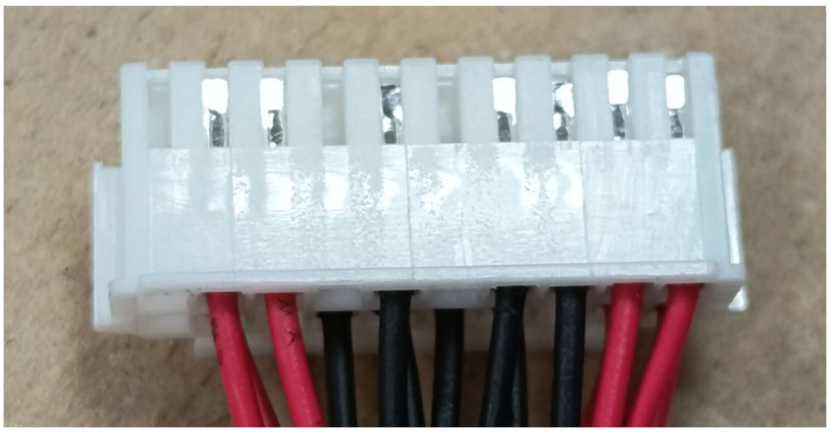
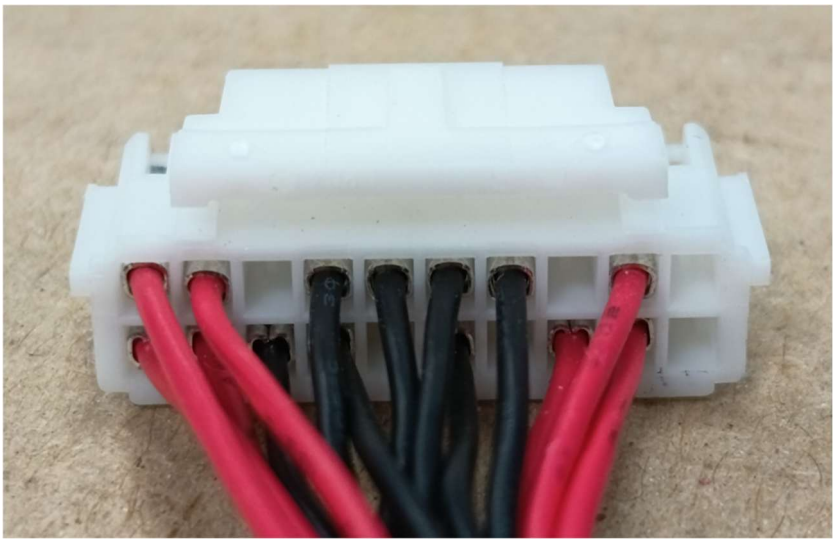






設計驗證
工程課
2025 -12- 16
發行
益業科技開發股份有限公司





SPECIFICATION FOR APPROVAL

承認書

客户名称 Customer Name	钰纬科技
产品描述 Description	12507HS-H20&D2018-2*10,170MM PANEL POWER WIRE
客户料号 Customer P/N	3KH00311010(K1200)
新亚料号 Xinya P/N	X25JGW-5623-HP
制作 Designed by	杜开龙
审核 Checked by	薛茹
核准 Approved by	孙玉宝

設計驗證
工程課
2025 -12- 16
發行

客户确认 CUSTOMER SIGNATURE		
制作 Prepared By	审核 Checked By	核准 Approved By

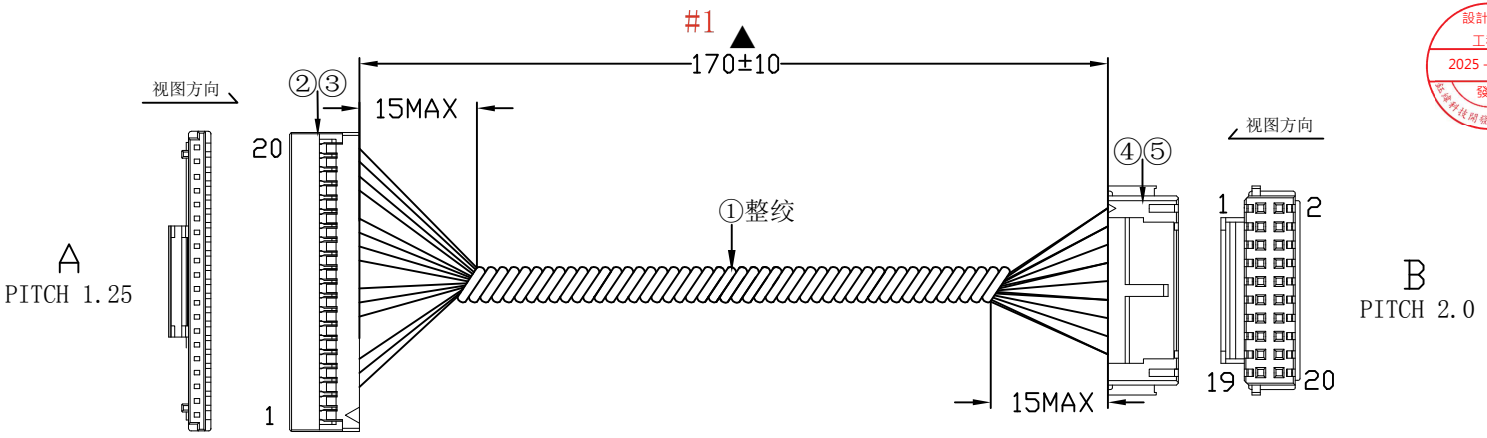
请签字确认回签。
PLEASE RETURN TO US ONE COPY OF SPECIFICATION FOR APPROVAL WITH YOUR APPROVED SIGNATURES.

苏州新亚电通有限公司
SUZHOU XINYA ELECTRIC COMMUNICATION CO., LTD.

单重： 克 整绞：7 REF圈	HARNESS图号DRAWING NO. H5623F

版本 REV.	日 期 DATE	变更单号 ECO NO.	变更内容 DESCRIPTION	制图 DRAWN
⚠2	2025-09-12		变更线序	FWH







⚠

1	UL 3302 #26 TS	红	188±1	1.5	1.8	1
2	UL 3302 #26 TS	红	188±1	1.5	1.8	2
3	UL 3302 #26 TS	红	188±1	1.5	1.8	3
4	UL 3302 #26 TS	红	188±1	1.5	1.8	4
6	UL 3302 #26 TS	黑	188±1	1.5	1.8	6
7	UL 3302 #26 TS	黑	188±1	1.5	1.8	7
8	UL 3302 #26 TS	黑	188±1	1.5	1.8	8
9	UL 3302 #26 TS	黑	188±1	1.5	1.8	9
11	UL 3302 #26 TS	黑	188±1	1.5	1.8	11
12	UL 3302 #26 TS	黑	188±1	1.5	1.8	12
13	UL 3302 #26 TS	黑	188±1	1.5	1.8	13
16	UL 3302 #26 TS	红	188±1	1.5	1.8	16
17	UL 3302 #26 TS	红	188±1	1.5	1.8	17
18	UL 3302 #26 TS	红	188±1	1.5	1.8	18
A	线 规 SPEC	颜色 COLOR	开线 CUT	A	B	B
				剥头 PEEL		

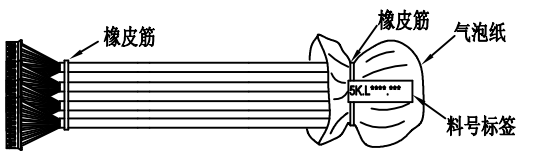
打▲的为重点检测尺寸

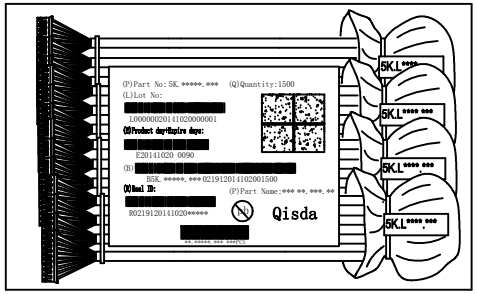
序号 NO.	料 号 PART NO.	数 量 Q'TY	材 料 MATERIAL	厂商 VENDOR
⑤	D2018-2x10P-*-HF	1	HOUSING:D2018-2x10P-X-HF/PHB-2x10Y	XINYA/CNCM/EQUIV
④	D2018-TOP.VA-*	14	TERMINAL:D2018-TOP.VA-X/PHB-PT	XINYA/CNCM/EQUIV
③	D12521-20P-*-HF	1	HOUSING:12507HS-H20G1/KB919-20HL1A	YEONHO/XYCO
②	D12521-TOP.VA-*	14	TERMINAL:12507TS-G1/KB919-10T1A	YEONHO/XYCO
①	01S3302-26*0-*-HF	14	WIRE:无卤无红磷 UL3302 #26（7/0.16）OD=1.0mm VW-1	XINYA/HM/EQUIV

苏州新亚电通股份有限公司 SUZHOU XINYA ELECTRIC COMMUNICATION Co.,LTD.	制 表 (DR.)	校 对 (COL.)	审 核 (CHK.)	核 准 (APPD.)	通用公差 GENERL TOLERANCE		料 号 PART NO.	X25JGW-5623-HP	客 户 CUSTOMER	钰纬科技	版 本 REV.	2
	范 2025-09-12 唯浩				X.±0.50	X.°±3°	客户料号 CUTM.NO.	3KH00311010 (K1200)	第1版 (OR.D.)	2025.08.01	页 次 SHEET	1/1
					.X±0.30	.X°±1°	机种号 MODEL.NO.	-	比例：无 SCALE: FREE		单 位 UNITS	MM

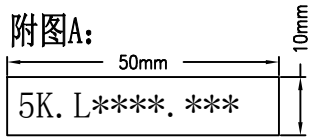
版本 REV.	日 期 DATE	变更单号 ECO NO.	变更内容 DESCRIPTION	制图 DRAWN

HARNESS图号DRAWING NO.

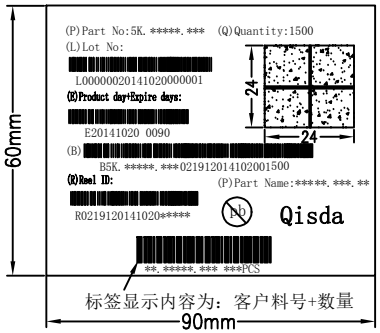


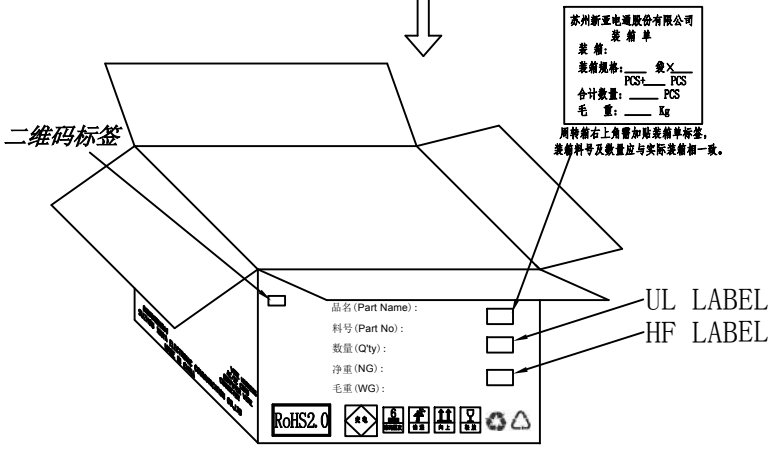


附图A：

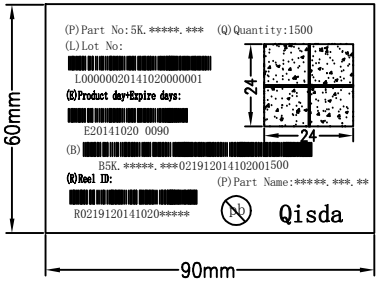


附图B：





附图C：



备注：

1 每***PCS用橡皮筋扎成一扎，加贴一料号标签(见附图A),有气泡袋包扎的料号标签贴在气泡袋上，无气泡袋包扎的料号标签贴在线体上。

2 如遇过板端子、磁环等易损构件，每扎包装时须加气泡纸。

3 将每扎产品依次装入一PE袋,PE袋上需加贴二维码标签(见附图B)。

4 箱体外必须贴上UL标签及二维码标签(见附图C)**(无卤料需加贴“HF”标签)**

5 外箱单重的信息，需要填写在对应位置上，书写工整，不可随意书写。

6 箱子不得有破损，用胶带密封好，且注意不可重压。。

	制 表 (DR.)	校 对 (COL.)	审 核 (CHK.)	核 准 (APPD.)	通用公差 GENERL TOLERANCE		料 号 PART NO.	LCD GP料包装图	客 户 CUSTOMER	佳世达	版 本 REV.	1
苏州新亚电通股份有限公司 SUZHOU XINYA ELECTRIC COMMUNICATION Co.,LTD.	范 2022-10-11 唯浩				X.±0.50	X.°±3°	客户料号 CUTM. NO.	–	第1版 (OR.D.)	2022.10.11	页 次 SHEET	1/1
					.X±0.30	.X°±1°	机种号 MODEL. NO.	–	比例：无 SCALE: FREE		单 位 UNITS	MM

苏州新亚电通股份有限公司

类　　别	料号编码原则 [线束成品料号编列]	文件编号	X001
工作指导书		机密等级	■ 机密 □ 一般
		版　　次	A
		页　　次	1 / 2

线束成品料号编列：

S □□ □ □□-□□□□-□□-□□-□□

1 2 3 4 5 6 7 8

1、销售模式码：S=外销(保税)　X=内销(非保税)

2、年度码：8 代表 2008 年开发的料件，16 代表 2016 年开发的料件

3、产品类别码：

A	镀锡FFC(扁铜线)		B	镀金FFC(扁铜线)
C	咪头		E	机外线(注塑成型类)
G	隔离线		H	一端HOUSING，一端沾锡
I	IDC类		J	两端HOUSING类单线
K	镀锡FFC(圆铜线)		L	Wire Harness LVDS
M	一端HOUSING，一端电源插头		N	NB CABLE
P	FPC		Q	原材料类
R	FFC G-TYPE		S	MINI SAS
T	外接端子类		V	Wire Harness排线类
W	Only Wire		Y	Wire Harness刺破式类

4、客户别码：详见客户识别码索引表

5、流水码：从 0001~9999，一个循环结束后，再从 0001~9999

6、特殊料件识别码：

无特殊要求时为空

产品类别码(Table 2)

C	FFC小线冲型类		CL	FFC LVDS冲型类
CV	FFC冲型+HOT-bar类		CF	FFC反折Pin冲型类
F	FFC反折Pin类		L	FFC LVDS类(无冲型、HOT-bar)
LF	FFC LVDS反折Pin类		VF	FFC HOT-bar反折Pin类
V	HOT-bar类		VL	FFC LVDS(HOT-bar类)
TSD	复杂的汽车线(2个以上组件)		TSE	简单的汽车线(2个组件)
ASD	复杂的组合线(2个以上组件，且非汽车线)		ASE	简单的组合线(2个组件，且非汽车线)
CD	低单价线束			

7、环保料件识别码：

HF	无卤类		Z	无DOP类
HZ	无卤、无DOP类		P	无红磷类
HP	无卤、无红磷类			

8、产品交货地点码：

正常此码省略

当同一个料号出不同产地时，增加产地后缀码，详细见客户识别码索引表

除先锋产品出海外，后缀增加“-E”以示区分

先锋产品出海外，后缀增加“-X”，切记，不是“-*”

若产品交往海外的不同地点国家，在”-E”和 ”-X”前增加 2 码地点码，

如” –HL-E”(出海外，交往荷兰)、” –BL-E”(出海外，交往波兰)

详见客户识别码索引表

苏州新亚电通股份有限公司

PRODUCTION NAME：WIRE HARNESS			
Designed：Jodie	APVD：Aviv	Edition：D	File Name：ML1001
		DATE：2019.07.01	Page：1/8

1. SCOPE 应用范围

This product specification contains the test method, the general performance and requirement for Flexible Flat Cable system.

2. REQUIREMENTS 必要条件

2.1. DESIGN AND CONSTRUCTION 设计规范

Product shall be of the design, construction and physical dimensions specified on the applicable product drawing

2.2. MATERIALS 材质

A、Housing：见零件规格书

B、Terminal：见零件规格书

C、Wire：见零件规格书

2.3. Wire RATINGS 线材规格

A、见零件规格书

3.Standard of Confidence Test 信赖性测试

3.1 TEST ENVIRONMENT 测试条件

A. Environment Temperature: 15~35℃

B. Humidity: 45~75%

3.2.TEST REQUIREMENTS AND PROCEDURES SUMMARY

PRODUCTION NAME：WIRE HARNESS			
Designed：Jodie	APVD：Aviv	Edition：D	File Name：ML1001
		DATE：2019.07.01	Page：2/8

Items 测试项目		Test conditions 测试条件	Criteria 判定标准
1	Appearance inspection 外观检查	1、without mechanical injure、deformation、denude 2、Connection terminal should be shining， no oxidization and scoring	PASS
ELECTRICAL 电气特性			
1	Contact Resistance 接触阻抗	20mV/10mA	Less than 20mΩ
2	Insulation Resistance 绝缘阻抗	DC500V /1min	More than 100MΩ
3	Dielectric Withstanding Voltage 耐电压	AC250V/0.5mA 1min	No breakdown
4	Continuity Test 导通测试	Continuity performance should be good， without short、wrong order	No Withoutshort wrong order
MECHANICAL 机械特性			
5	Terminal crimp tensile strength 抗张强度	Terminal crimp tensile strength (Excluding insulation of wire)：	Figure 1
6	Pull-out Test 插拔测试	With the corresponding conn is inserted in the 25± 3mm/min	Figure 2
7	Mechanical life 机械寿命	Insertion and withdrawal 50 times with speed of 100 times/ hour	More than 50 cycle
8	Plating Thickness Test 膜厚测试	Coating Thickness Tester	NA

ENVIRONMENTAL 环境特性			
9	Heat Resistance 耐高温	At the temperature of high temperature test box 85±2℃ is placed in a 96±1H，1H recovery room temperature after detection	PASS
10	Low temperature resistance 耐低温性	At the temperature of high temperature test box -25±2℃ is placed in a 96±1H，1H recovery room temperature after detection	PASS
11	Heat Cycle Test 冷热循环	The 1 cycles：-25℃~+25℃~+85℃~+25℃，5 consecutive cycles，1H recovery room temperature after detection	PASS
12	Humidity 恒温恒湿	Test temperature of 40 degrees, humidity 90～95%RH，the time of 96±1H，1H recovery room temperature after detection	PASS
13	Vibration Test 振动测试	Frequency：50HZ，Swing：1.52mm，each of X, Y, Z-axis directions for 12cycles，and every30 mins	The external appearance have no injury，onnection part has no loose or break
14	Salt Spray 盐雾试验	Temperature：35 ±2℃ Salt solution：5 ±1% Duration：16±1h (After the test，salt deposit shall be removed in running water) 符合国标 GB6461-2002 7 级判断标准	PASS
15	Characteristics 特性阻抗	The type of the equipment：DCA-J 86100C Test standard：NA	NA

4. Direction For Use 产品使用说明

4.1 保质期：包装好的产品在 20±10℃、:70%RH 湿度以下的环境中，可以储存 6 个月

4.2 该产品只适用开发段所对应机种/机型使用需求，不可以作为其它用途使用。若客户端延用到其它机种/机型，则需要向新亚确认是否能继续延用，若因没有通知新亚评估直接使用到其它机种/机型所造成的异常损失，苏州新亚电通有限公司不承担相应的异常责任

4.3 该产品符合制造国(中国)的法律法规要求，同时符合客户在开发段提供的交换目的国法律法规要求，若客户更改交换目的国，需要书面通知新亚，新亚评估是否符合对应国的法律法规要求，若客户在开发段不给予交换目的国的信息，则默认符合制造国的法律法规要求即可，若客户变更交换目的国没有书面通知苏州新亚，苏州新亚电通有限公司不承担因此造成的异常责任

Figure 1

导体规格	导体截面积	抗张强度判定标准
34#	0.02㎜²	＞0.3Kg
32#	0.03㎜²	＞0.5Kg
30#	0.05㎜²	＞1.2Kg
28#	0.08㎜²	＞1.5Kg
26#	0.13㎜²	＞2.5Kg
24#	0.21㎜²	＞4.0Kg
22#	0.33㎜²	＞5.0Kg
20#	0.5～0.55㎜²	＞7.0Kg
18#	0.82～1.0㎜²	＞10.0Kg
16#	1.3～1.5㎜²	＞15.0Kg
14#	2.0～2.5㎜²	＞17.0Kg
12#	3.3～4.0㎜²	＞22.0Kg
10#	5.3～6.0㎜²	＞33.0Kg
8#	8.3～9.0㎜²	＞40.0Kg
6#	13.3～14.0㎜²	＞44.5Kg
4#	21.1～21.5㎜²	＞62.3Kg
3#	26.6～26.8㎜²	＞71.2Kg
2#	33.6～33.8㎜²	＞80.1Kg
1#	42.4～42.7㎜²	＞89.0Kg

Figure 2

Items 测试项目	**Test conditions 测试条件**	**Criteria 判定标准**
Insertion force 插入力	With the corresponding conn is inserted in the 25±3mm/min	A端≤2.8Kg B 端≤2.8Kg
Pullout force 拔出力		A端≥0.8Kg B 端≥0.8Kg

PRODUCTION NAME：WIRE HARNESS			
Designed：Jodie	APVD：Aviv	Edition：D	File Name：ML1001
		DATE：2019.07.01	Page：6/8

线束使用注意事项

Wire Harness using Notes and Operation manual

由于线束产品的特殊性，在使用时，不正确的插入和拔出会使其端子易变形甚至可以导致产品功能失效，所以，线束产品在使用上要特别注意以下事项：

Due to the particularity of harness products, when in the using, Incorrect insertion and Pull out of the terminal is easy to deformation , even can to be lead to product function failure, so, Harness products in use should pay special attention to the following matters:

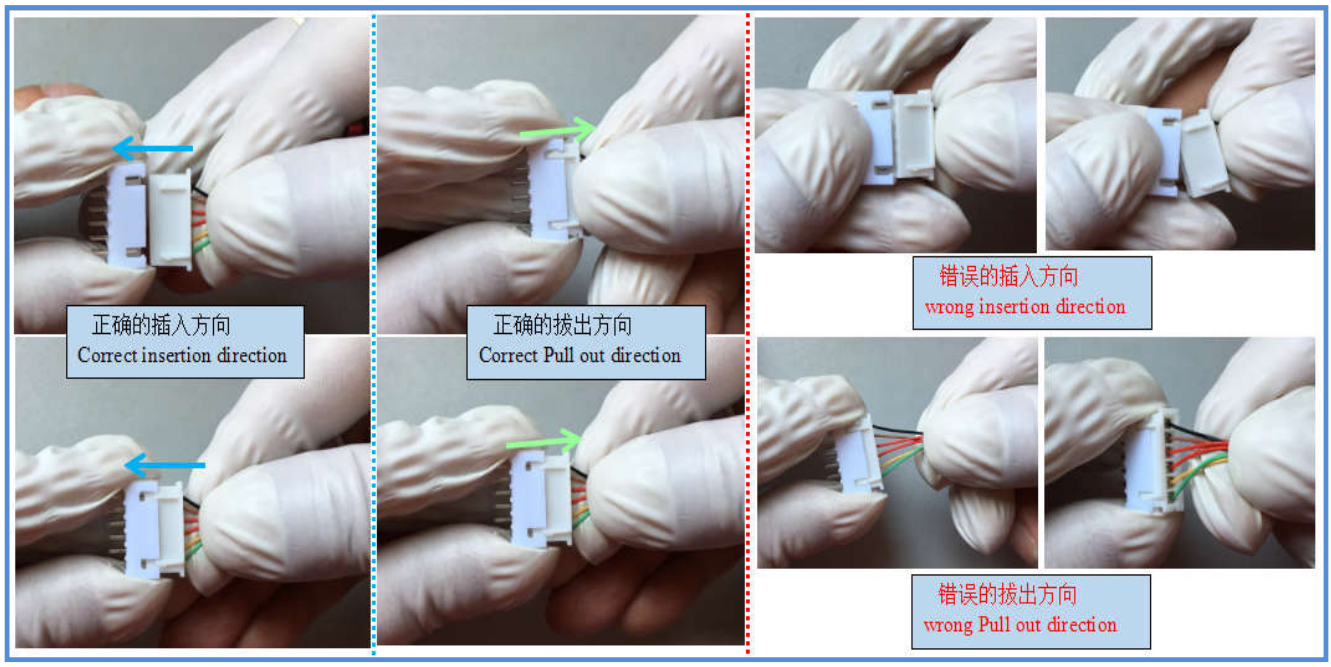
◆普通 LCD 线束/General LCD harness ：

1，在连接的 wafer 上插拔时，要水平向内插入。插入 housing 时需要捏住 housing 的底部或者距离线缆的 1-2mm 处水平的插入；不得向上、向下或者倾斜插拔，这样会使 housing PIN 口变形和端子功能区变形、扩孔。

When connecting to the wafer insertion and Pull out, need to Horizontal into insertion. When Insert housing you need to hold the bottom of the housing or distance in the cable 1-2mm location Horizontal into insertion, don’ t take up、take down or Tilt the insertion and Pull out, This will make housing PIN mouth deformation and terminal PIN mouth functional area deformation, reaming.

2，拔出 housing 时需要捏住 housing 的底部或者线缆的 1-2mm 处水平、均匀的拔出。不得使用蛮力拉拔、拉扯线缆使之拔出，这样会造成端子不定位或者线缆断裂等功能不良。

When Pull out the housing need to hold the bottom of the housing or distance in the cable 1-2mm location Horizontal Pull out, the Pull out power need Horizontal and uniform . do not use brute force drawing, pulling cable , this will cause the terminal is not positioning or cable breakage and other undesirable function.



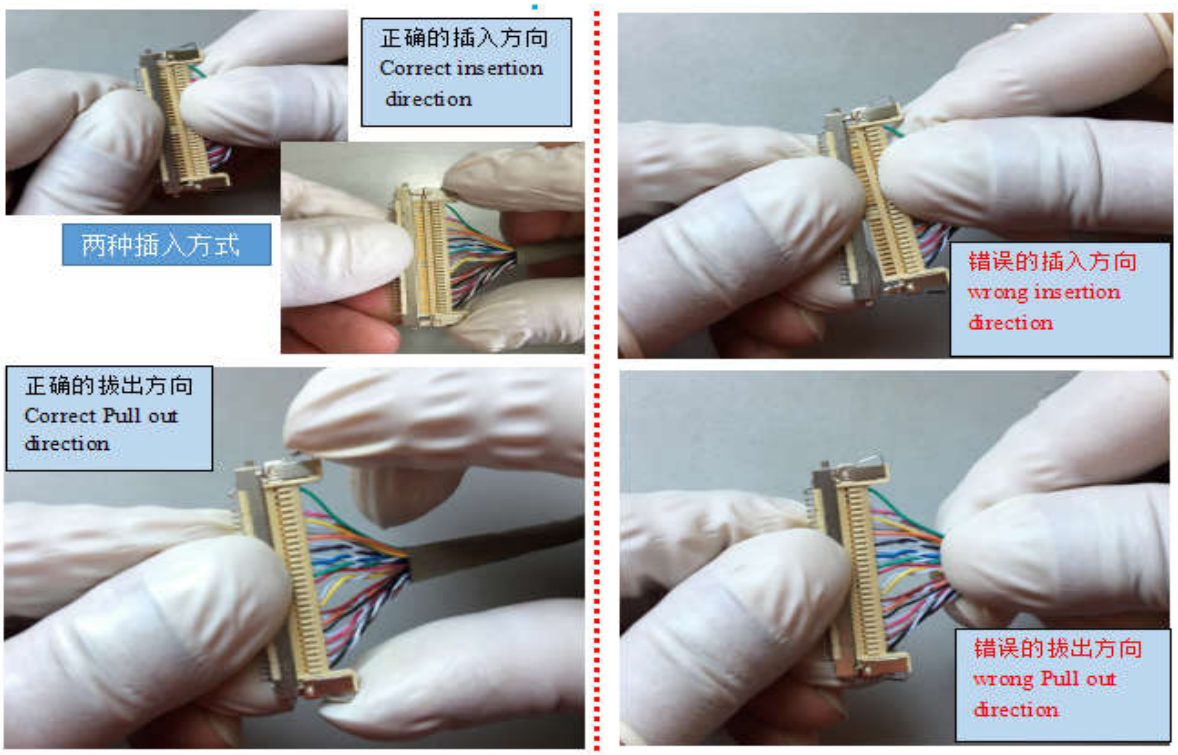
◆LVDS 线束/LVDS harness：

1，在连接的 wafer 上插拔时，要水平向内插入。插入 housing 时需要捏住 housing 的底部或者距离线缆的 1-2mm 处水平的插入或按压 housing 两侧的铁弹片插入；不得向上、向下或者倾斜插拔，这样会使 housing 塑胶体断裂或者端子的金手指变形、断 PIN。

When connecting to the wafer insertion and Pull out，need to Horizontal into insertion. When Insert housing you need to hold the bottom of the housing or distance in the cable 1-2mm location Horizontal into insertion or Press housing on both sides of the iron shrapnel，don’t take up、take down or Tilt the insertion and Pull out，this will break the housing plastic part or terminal finger deformation, broken PIN .

2，拔出 housing 时需要按压 housing 两侧的铁弹片处水平、均匀的拔出。不得使用蛮力拉拔、拉扯线缆受硬力使之拔出，这样会造成端子不定位或者线缆断裂等功能不良。

When Pull out the housing need to Press housing on both sides of the iron shrapnel ,the Pull out power need Horizontal and uniform .do not use brute force drawing, pulling cable ,this will cause the terminal is not positioning or cable breakage and other undesirable function.



NOTE(S)：

1，要避开同其它物体的某些物理物体的直接接触。
To avoid direct contact with certain physical objects of other objects.

2，在高温高湿的场合下连续使用时，事先请采用实装的评价(评估)。
In the high temperature and high humidity occasions for continuous use, Please evaluate the

implementation (assessment).

3，在使用过程中，如不慎跌落地上或者其它可能使其粘上异物的情况下，必须将导体露出处的脏污清除干净后才能使用（清除异物时要顺着导体的方向，向外清除）。

In the course of using, Such as accidentally fell on the ground Or other conditions that may cause it to stick to a

foreign body, Must be to remove dirt exposed conductor clean after to used (removal of foreign matter to follow the direction of the conductor, outward clearance).

XINYA ELECTRONIC CO.,LTD
TEL:86-0577-62866888 FAX:86-0577-62865999
http://www.xinya-cn.com

核准 APPROVED	审核 CHECKED	制作 DRAWING
石刘建	赵兵	范平涛

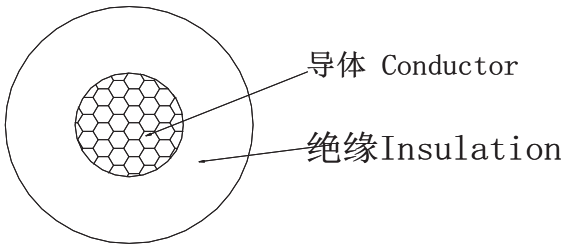
规格承认书 Product Specifications

REV:1.1

规格SPECIFICATION:		AWM3302 30AWG～24AWG							
项目ITEM		规 格 SPECIFICATION							
导体 CONDUCTOR	线规AWG	30	28	26	24	/	/	/	/
	材质MATERIAL	镀锡铜 TINNED COPPER							
	尺寸COND.SIZE	7/0.100±0.008	7/0.127±0.008	7/0.160±0.009	7/0.200±0.009	/	/	/	/
绝缘 INSULATION	平均厚度 Average Thickness	0.20㎜	0.26mm	0.26mm	0.25mm				
	最小厚度 Min. Thickness	0.10㎜	0.10㎜	0.10㎜	0.10㎜				
	材质MATERIAL	阻燃交联聚乙烯 FR-XLPE							
	OD外径(MM)	0.70± 0.10	0.90± 0.10	1.00± 0.10	1.10± 0.10	/	/	/	/
	颜色COLOUR	任意Optional							
Conductor Resistance: Max(Ω/Km,20℃)		381	239	150	94.2	/	/	/	/
印 字 MARKING		AWM 3302 E170689 VW-1 105℃ 30V xxAWG --- AWM I A 105℃ 30V FT1 -F-HF XINYA							

电气性能ELECTRICAL CHARACTERISTICS	物理性能PHYSICAL CHARACTERISTICS
1. 额定值Rating : 温度TEMP 105℃ ; 电压VOLTAGE 30V 2.浸水耐压Dielectric-Withstand Test:500V 3.火花电压Spark Test:1500V	1.抗张强度Tensile Strength: 10.3MPa 2. 伸长率Elongation: Unaged: 100% min 3. 热冲击Heat shock test: 不开裂NO CRACKING 4. 冷弯Cold bend test: 不开裂NO CRACKING 5. 加热变形Deformation test: MAX 50% 6. 燃烧测试Flame test: PASS VW-1

剖面图Cross - Sectional View :



备 注 REMARK

Cl<900ppm、Br<900ppm、Cl+Br<1500ppm

图号 PART NO.	SP1108159	客户承认 APPROVED BY	

XINYA ELECTRONIC CO.,LTD

新亚电子有限公司

MATERIAL CERTIFICATE（Cu）

材料成份分析表（铜）

COMPONENT: 成分	RATIO（%） 含量
COPPER 铜	98.5
BISMUTH 铋	0.0002
ANTIMONY 锑	0.0004
ARSENIC 砷	0.0005
IRON 铁	0.001
LEAD 铅	0.0005
TIN 锡	1.3
SULFUR 硫	0.0015
OXYGEN 氧	0.00 1
SELENIUM 硒	0.0002
ARGENTUM 银	0. 0025
TE 碲	0. 0002

Pb≤100ppm(According to EPA3050B),Cd≤5ppm(According EN1122:2001)

根据 EN1122 和 EPA3050B 参照 SOSY 标准、铅≤100ppm　隔≤5ppm

新亚电子有限公司

品保部

2010.4.22

新 亚 电 子 有 限 公 司

XINYA ELECTRONIC CO.,LTD.

PVC 材质证明

（MATERIAL CERTIFICATION OF PLASTICIZED PVC COMPOUNDS）

MATERIAL 材料	PERCENT 百分比
PVC RESIN PVC 树脂	50%
FILLER(CaCO3) 填充剂(CaCO3)	15%
PLASTICIZER(DPHP/TOTM) 增塑剂(DPHP/TOTM)	28%
STABILIZER(Ca-Zn COMPOUNDS) 稳定剂（Ca-Zn 化合物）	4%
LUBRICANT(STERIC ACID) 润滑剂（硬脂酸）	0.50%
FIREPROOFENT（Sb_2O_3） 阻燃剂（Sb_2O_3）	2%
OTHER 其它	0.50%

新亚电子有限公司

品保部

2017-10-11

ONLINE CERTIFICATIONS DIRECTORY

AVLV2.E170689
Appliance Wiring Material - Component

Page Bottom

Appliance Wiring Material - Component

See General Information for Appliance Wiring Material - Component

XINYA ELECTRONIC CO LTD E170689
NO.2, CHANGJIANG RD., WENZHOU
BRIDGE IND. Z. NORTH BAIXIANG TOWN
YUEQING, WENZHOU 325603 CHINA

Table of Recognized Styles							
Single-conductor, thermoplastic insulation.							
1007	1108	1354	1569	1671	1867	10272	10800
1010	1185	1365	1571	1672	1887	10279	10913
1015	1316	1430	1589	1674	1901	10297	11027
1028	1330	1431	1617	1685	10059	10362	11030
1032	1331	1452	1618	1691	10064	10368	11079
1061	1332	1500	1631	1726	10071	10369	11303
1095	1333	1517	1637	1745	10125	10584	11304
1107	1347	1533	1640	1792	10231	10602	
Multiple-conductor, thermoplastic insulation.							
2095	2547	2725	2854	20251	20696	21143	21458
2096	2552	2733	2877	20276	20744	21149	21515
2405	2555	2734	2881	20288	20798	21307	21520
2408	2556	2789	2919	20295	20855	21311	21869
2464	2562	2791	2951	20346	21016	21445	
2468	2651	2835	2960	20379	21088	21451	
2474	2661	2845	2990	20574	21099	21452	
2476	2689	2851	20080	20624	21100	21455	
Single-conductor, thermoset insulation.							
3173	3271	3302	3347	3364	3443	3619	3918
3265	3272	3321	3348	3385	3485	3737	
3266	3289	3346	3363	3386	3567	3917	
Multiple-conductor, thermoset insulation.							
4478	4523						

Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.
Last Updated on 2013-01-07

Questions? Print this page Terms of Use Page Top

2013 UL LLC

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the UL Environment database for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2013 UL LLC".

鸿蒙电子 hongmeng
KUNSHAN XINGHONGMENG ELECTRONIC CO.，LTD
TEL:0512-50191998 FAX:0512-50191996
http://www.szshongmeng.cn

核准 PPROVED	审核 CHECKED	制作 DRAWING
SANDY ZHAO	HUGO	XU

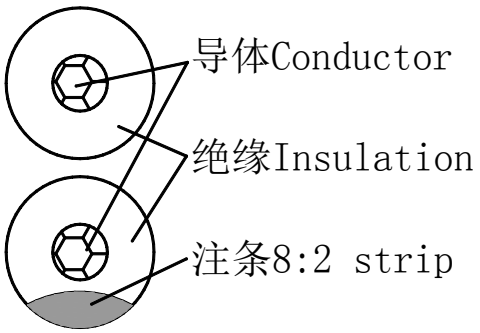
规格承认书 Product Specifications

REV:1.1

规格SPECIFICATION:		UL3302 26#TS
项目ITEM		规 格 SPECIFICATION
导体 CONDUCTOR	线规AWG	26
	材质MATERIAL	镀锡铜 TINNED COPPER
	尺寸COND.SIZE	7/0.160±0.009
绝缘 INSULATION	标称厚度 Nominal Thickness	0.15㎜
	最小厚度 Min. Thickness	0.13㎜
	材质MATERIAL	XLPE
	OD外径	1.00±0.05
	颜色COLOUR	任意Optional
Conductor Resistance: Max(Ω/Km,20℃)		150
印 字 MARKING		AWM 3302 E315421 VW-I 105℃ 30V 26AWG HONGMENG AWM I A/B FTI 105℃ 30V 26AWG HF LM

电气性能ELECTRICAL CHARACTERISTICS	物理性能PHYSICAL CHARACTERISTICS
1. 额定值Rating : 温度TEMP 105℃ ; 电压VOLTAGE 30V 2.浸水耐压Dielectric-Withstand Test:500V 3.火花电压Spark Test:1500V	1.抗张强度Tensile Strength: 1.05kgf/mm² 2. 伸长率Elongation: Unaged: 100% min 3. 热冲击Heat shock test: 不开裂NO CRACKING 4. 冷弯Cold bend test: 不开裂NO CRACKING 5. 加热变形Deformation test: MAX 50% 6. 燃烧测试Flame test: PASS VW-1

剖面图Cross - Sectional View :



备 注 REMARK

图号 PART NO.	HM1709077(1.1)	客户承认 APPROVED BY	

XINGHONGMENG ELECTRONIC CO.,LTD

兴鸿蒙电子有限公司

MATERIAL CERTIFICATE（Cu）

材料成份分析表（铜）

COMPONENT： 成分	RATIO（%） 含量
COPPER 铜	99.92
BISMUTH 铋	0.0002
STIBIUM 锑	0.0005
ARSENIC 砷	0.0005
IRON 铁	0.0005
NICKEL 镍	0.0004
LEAD 铅	0.0005
TIN 锡	0.07
SULFUR 硫	0.0001
OXYGEN 氧	0.006
ZINCUM 锌	0.0002
PHOSPHOR 磷	0.0005
ADMIUM 镉	0.00005

Pb≤50ppm(According to EPA3050B),Cd≤5ppm(According EN1122:2001)
根据 EN1122 和 EPA3050B 规定铅≤90ppm 镉≤5ppm

以上资料由本厂供方提供。其中镀锡线中锡的含量来自于铜丝的镀层，主要是防止铜丝氧化而特意加工为之，其它成份为自然界铜矿物质中自然含有的元素，无其它任何作用，也属非有意增加。

兴鸿蒙电子有限公司
工程部

2015 – 1 - 5

XINGHONGMENG ELECTRONIC CO.,LTD

兴鸿蒙电子有限公司

MATERIAL CERTIFICATE （PVC）
材料成份分析表（PVC）

COMPONENT： 成分	RATIO（%） 含量
PVC RESIN 聚氯乙烯树脂	55
PLASTICIZER 增塑剂	20
FILLER(CCR&Caco3) 填充	16.8
STABILIZER 稳定剂	5
RETARDANT(Sb2o3) 阻燃剂	2.5
LUBRICANT 润滑剂	0.4
PIGMENT 色粉	0.3

Pb≤50ppm(According to EPA3050B),Cd≤5ppm(According EN1122:2001)
根据 EN1122 和 EPA3050B 规定铅≤90ppm 镉≤5ppm

以上资料由本厂供方提供。

兴鸿蒙电子有限公司

工程部

2015 – 1 - 5

ONLINE CERTIFICATIONS DIRECTORY

AVLV2.E315421
Appliance Wiring Material - Component

Page Bottom

Appliance Wiring Material - Component

See General Information for Appliance Wiring Material - Component

KUNSHAN XINGHONGMENG ELECTRONIC CO LTD E315421
No. 1118 Jingban Rd
Shipai Industrial Area
Bacheng Town
Kunshan, Jiangsu 215312 CHINA

Table of Recognized Styles							
Single-conductor, thermoplastic insulation.							
1007	1185	1517	1618	1692	10064	10369	11136
1015	1332	1533	1637	1745	10086	10370	
1017	1354	1569	1640	1766	10231	10456	
1028	1430	1571	1672	1847	10248	10584	
1061	1500	1589	1674	1867	10316	10602	
1095	1516	1617	1685	1927	10368	10800	
Multiple-conductor, thermoplastic insulation.							
2095	2562	2835	2919	20375	20936	21088	
2464	2651	2844	2969	20376	20937	21099	
2468	2725	2851	2990	20379	20939	21139	
2547	2733	2854	20080	20549	21016	21143	
2555	2789	2877	20276	20694	21064	21311	
Single-conductor, thermoset insulation.							
3173	3271	3302	3348	3385	3443	3619	
3265	3272	3321	3363	3386	3485		
3266	3289	3347	3364	3398	3567		
Multiple-conductor, thermoset insulation.							
4384	4478						

Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.

Last Updated on 2016-05-09

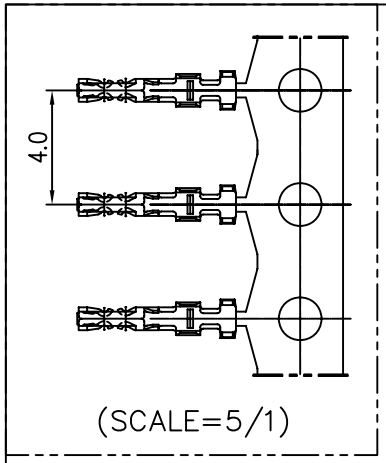
Questions? Print this page Terms of Use Page Top

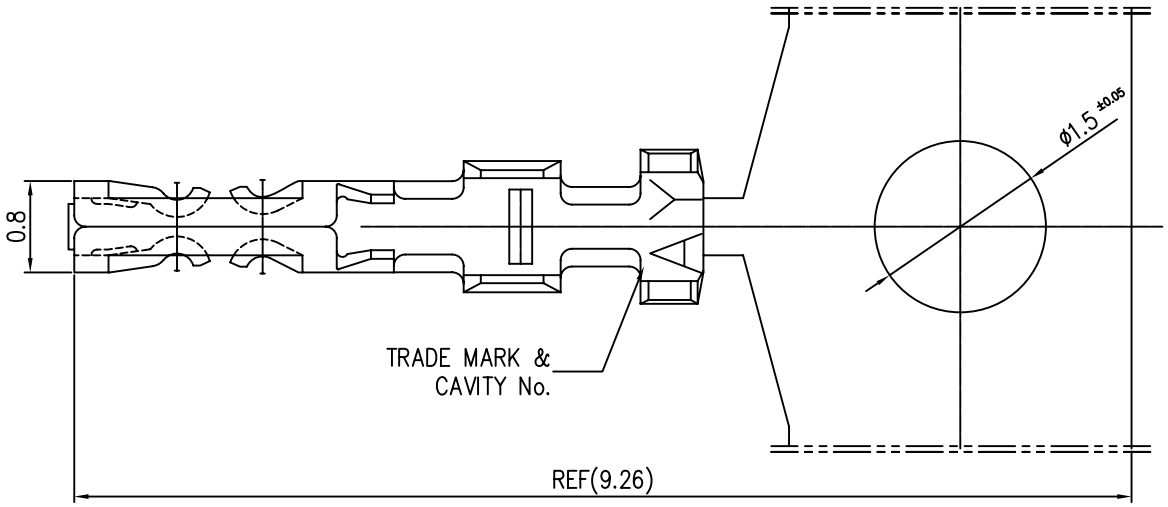
© 2016 UL LLC

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

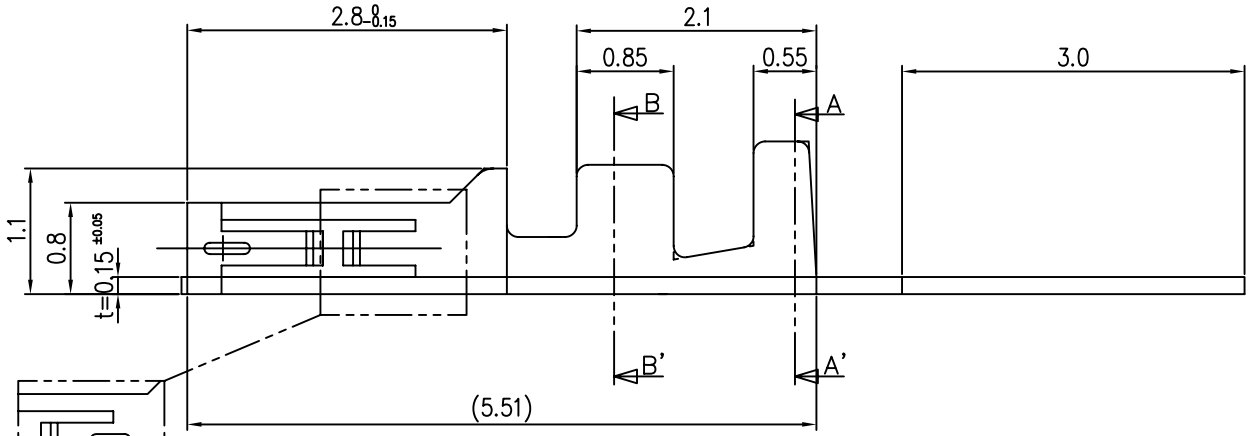
UL permits the reproduction of the material contained in the Online Certification Directory subject to the following

conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2016 UL LLC".

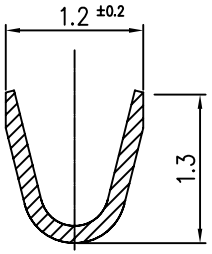




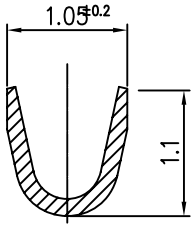
NOTES.
1. 일반공차: ±0.2
2. 사용전선 : AWG #26~#32
3. INSULATION DIA Ø1.35 ~ Ø1.0
4. MATING PART
   : HOUSING - 12507HS-HNNG1



⚠ 수정전 형상



SECTION A–A



SECTION B–B

	TERMINAL	PHOSPHOR BRONZE		Tin-Plated
I/NO	DESCRIPTION	MATERIAL	QTY	REMARK

YEONHO ELECTRONICS CO., LTD.

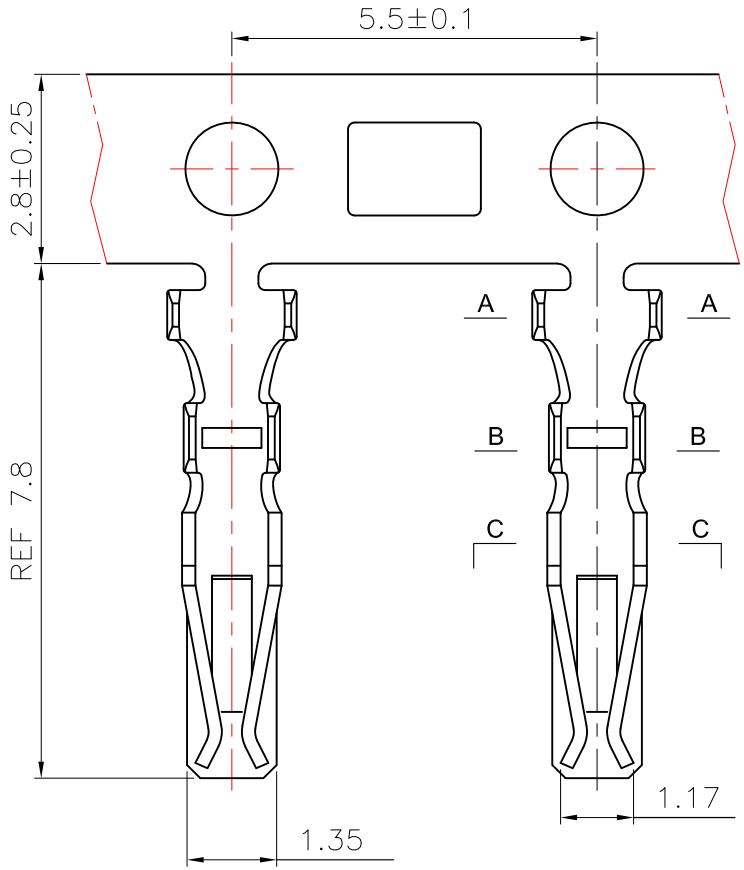
TITLE: 12507TS-G1

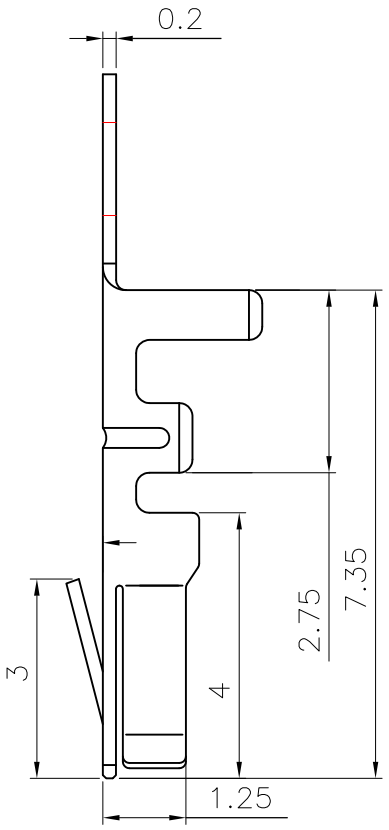
SCALE	DRAWN	DESIGN	CHECK	APPD
20/1	L.S.H 2010. 10. 28		J.J.H 2010. 10. 28	

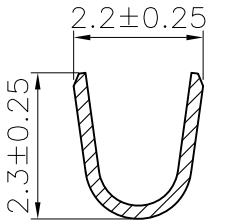
SIZE: A3 | DWG. NO: 12507TS-G1-S | REV: 01

LTR	REVISION RECORD	DATE	DR	CHK
⚠	삽입력 개선(2차 삽입부 bead 제거)	11.01.25	L.S.H	J.J.H

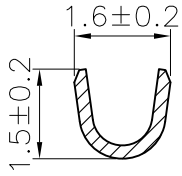
REV.	ECN NO.	DR	DATE
A1	NEW	DR.C	18.07.03
A2	Update clamping dimensions and tolerances	DR.W	23.12.08



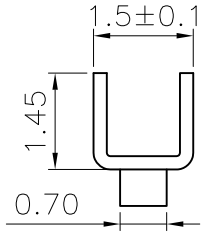




Section A-A



Section B-B



Section C-C

■ 技术参数 SPECIFICATIONS:

- ◆ 材质(Material):磷铜 phosphor bronze
- ◆ 材料厚度(Thickness):0.20mm
- ◆ 适用线规(Wire Range):AWG #28～#22
- ◆ 产品工艺(Plating Process):先冲后镀 plating after stamp plating
- ◆ 表面处理(Surface):亮锡Tin plated

未注公差 TOLERANCE	FIRSTANGLE PROJECTION
>10～30: ±0.5	拟制 DRAWING BY Mr Chen 18-07-03
>3～10: ±0.4	确认 CHECKED BY Mr Lu 18-07-03
>0～3: ±0.3	审核 APPROVED BY Mr Zhao 18-07-03

SIZE	A4	UNIT	mm

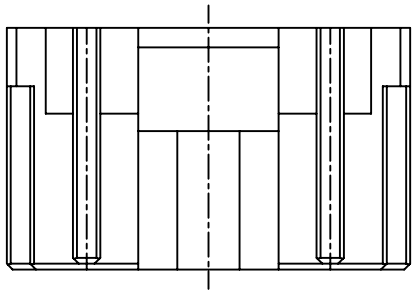
CNCM 浙江成明电子科技有限公司 ZHEJIANG CHENGMING ELECTRONIC TECHNOLOGY CO.,LTD

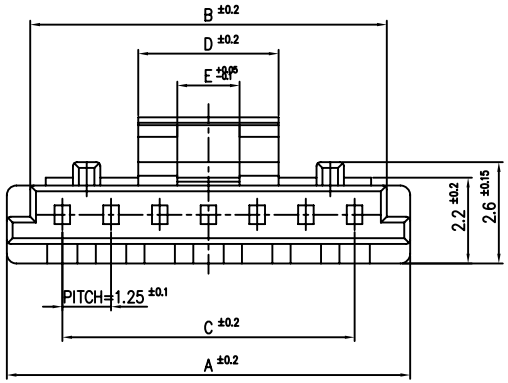
DWG NO:	CNCM-PHB-PT	TITLE:	2.00mm Wire to Board

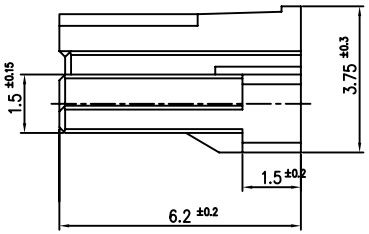
型号 PART NO: PHB-PT

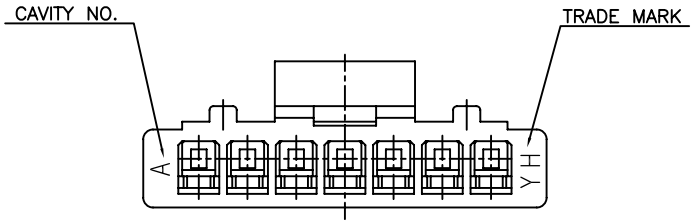
SCALE	1:1	SHEET	1 OF 1	REV.	A1

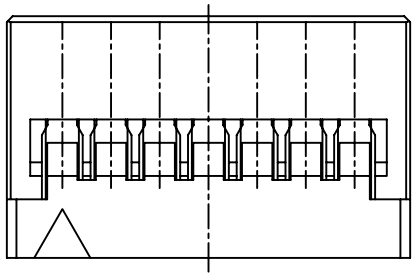
PARTS NO.	A	B	C	D	⚠1E
√ 12507HS-H04G1	6.6	5.4	3.75	2.6	1.4
√ 12507HS-H05G1	7.85	6.65	5.0	3.6	2.0
√ 12507HS-H06G1	9.1	7.9	6.25	3.6	2.0
√ 12507HS-H07G1	10.35	9.15	7.5	3.6	2.0
√ 12507HS-H08G1	11.6	10.4	8.75	5.0	3.0
12507HS-H09G1	12.85	11.65	10.0	5.0	3.0
12507HS-H10G1	14.1	12.9	11.25	5.0	3.0
12507HS-H11G1	15.35	14.15	12.5	5.0	3.0
√ 12507HS-H12G1	16.6	15.4	13.75	5.0	3.0
12507HS-H13G1	17.85	16.65	15.0	9.0	6.2
12507HS-H14G1	19.1	17.9	16.25	9.0	6.2
√ 12507HS-H15G1	20.35	19.15	17.5	9.0	6.2
12507HS-H16G1	21.6	20.4	18.75	9.0	6.2
12507HS-H17G1	22.85	21.65	20.0	9.0	6.2
12507HS-H18G1	24.1	22.9	21.25	9.0	6.2
12507HS-H19G1	25.35	24.15	22.5	9.0	6.2
12507HS-H20G1	26.6	25.4	23.75	9.0	6.2
12507HS-H21G1	27.85	26.65	25.0	9.0	6.2
12507HS-H22G1	29.1	27.9	26.25	9.0	6.2
12507HS-H30G1	39.1	37.9	36.25	9.0	6.2











NOTE:
1. MATING PART:
   - TERMINAL= 12507TS-G1
   - WAFER = 12507WR-HNNG

	HOUSING	PA66	1	UL94V-0
I/NO	DESCRIPTION	MATERIAL	QTY	REMARK

YEONHO ELECTRONICS CO., LTD.

TITLE: 12507HS-HNNG1

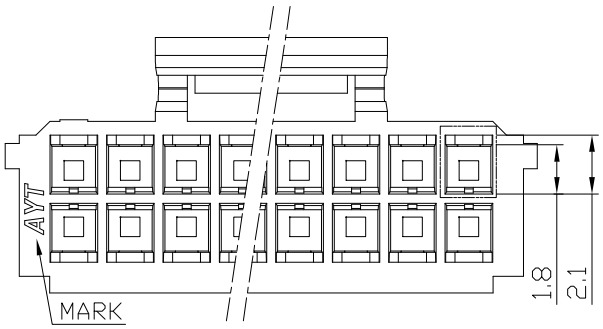
SCALE	DRAWN	DESIGN	CHECK	APPD
10/1	10.10.28 K.Y.M		10.10.28 J.J.H	10.10.28 S.H.K

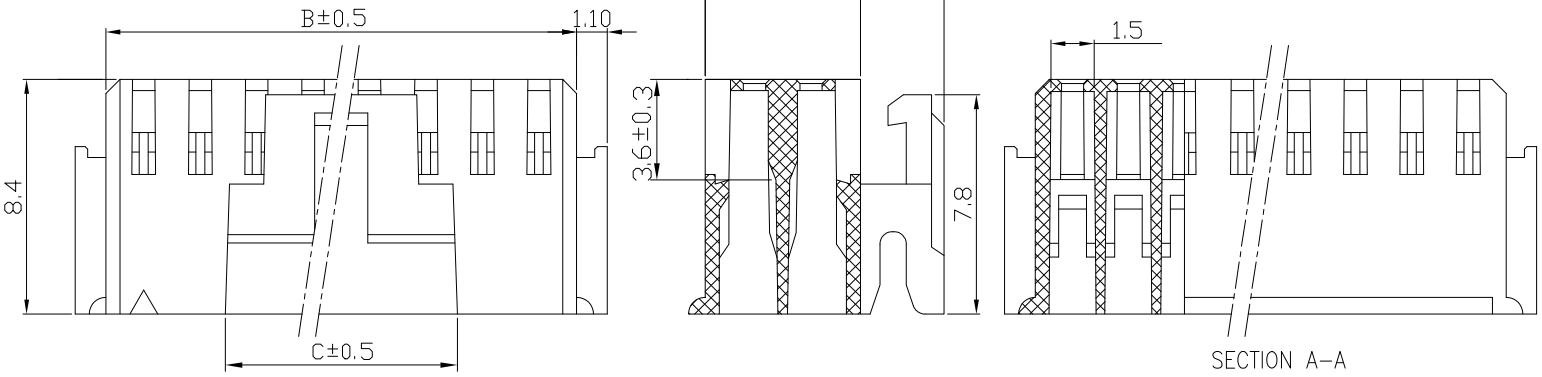
SIZE A2 | DWG. NO 12507HS-H00G1-S | REV 01

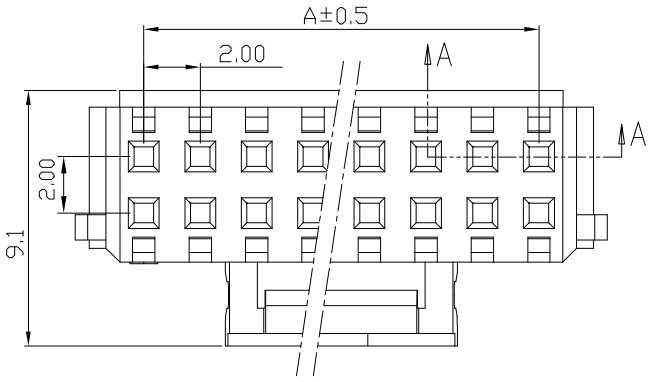
⚠	"E"치수 표기	10.12.28	K.Y.M	S.H.K
LTR	REVISION RECORD	DATE	DR	CHK

"본 도면은 연호전자의 지적자산이므로 임의 COPY 및 배포를 금합니다"

REV.	ECN NO.	DR	DATE
B1	Change the high temperature resistance to 105℃	DR.C	21.07.05
B2	Window and cavity size change	DR.C	21.09.27
B3	Window size change △1	DR.X	23.02.27







■ 技术参数 SPECIFICATIONS:

- ◆ 线数: 4～40
  Poies:4～40
- ◆ 适用线规: AWG #28～22#
  Applicable Wire: AWG #28～#22
- ◆ 额定电压: 250V DC/AC
  Voltage Rating: 250V DC/AC
- ◆ 额定电流: 3.0A
  Current Rating: 3.0A
- ◆ 耐压: 500V AC
  Withstand Voltage: 500V AC
- ◆ 温度范围:-40° C～+105° C
  Working Temperature:-40° C～+105° C
- ◆ 绝缘电阻: ≥1000MΩ
  Insulation Resistance:1000MΩ(MIN)
- ◆ 接触电阻: ≤10mΩ
  Contact Resistance: 10mΩ(MAX)
- ◆ 材质/颜色: 尼龙66 UL 94V-0 本色
  Material: Nylon 66 UL 94V-0 Color Nature
- ◆ 包装数量: 1000 pcs
  Packaging Quantity: 1000 pcs

Circuits	Part No	Dim.A	Dim.B	Dim.C	Circuits	Part No	Dim.A	Dim.B	Dim.C
22	PHB-2x11Y	20.0	22.7	14.30					
20	PHB-2x10Y	18.0	20.7	14.30	40	PHB-2x20Y	38.0	40.7	14.30
18	PHB-2x9Y	16.0	18.7	14.30	38	PHB-2x19Y	36.0	38.7	14.30
16	PHB-2x8Y	14.0	16.7	8.30	36	PHB-2x18Y	34.0	36.7	14.30
14	PHB-2x7Y	12.0	14.7	6.30	34	PHB-2x17Y	32.0	34.7	14.30
12	PHB-2x6Y	10.0	12.7	8.30	32	PHB-2x16Y	30.0	32.7	14.30
10	PHB-2x5Y	8.0	10.7	6.30	30	PHB-2x15Y	28.0	30.7	14.30
8	PHB-2x4Y	6.0	8.7	4.30	28	PHB-2x14Y	26.0	28.7	14.30
6	PHB-2x3Y	4.0	6.7	3.45	26	PHB-2x13Y	24.0	26.7	14.30
4	PHB-2x2Y	2.0	4.7	3.10	24	PHB-2x12Y	22.0	24.7	14.30

未注公差 TOLERANCE		THIRD ANGLE PROJECTION	
.X±0.50	X±2°	拟制 DRAWING BY Mr Xue 23-2-27	
.XX±0.20	.X±1°	确认 CHECKED BY Mr Gao 23-2-27	
.XXX±0.10	.XX±0.5°	审核 APPROVED BY Mr Lu 23-2-27	
SIZE	A4	UNIT	MM

CNCM 浙江成明电子科技有限公司
ZHEJIANG CHENGMING ELECTRONIC TECHNOLOGY CO.,LTD

DWG NO:	CNCM-PHB-2xnY	TITLE:	2.00mm Wire to Board

型号 PART NO: PHB-2xnY

SCALE	1:1	SHEET	1 OF 1	REV.	B3

ECBT2.E108706
Connectors for Use in Data, Signal, Control and Power Applications - Component

Page Bottom

Connectors for Use in Data, Signal, Control and Power Applications - Component

See General Information for Connectors for Use in Data, Signal, Control and Power Applications - Component

YEON HO ELECTRONICS CO LTD E108706
506-2 HANAM-DONG
KWANGSAN-KU
KWANGJU, 506-250 REPUBLIC OF KOREA

Connectors, Cat. Nos. FCZ254, 12505HS, 12505WR, 12505WS, 20015HS, 20015WR, 35001HS, 35001WR, 35002WR-NN, 35002WR-NNL, 35002WS-NNL, JH025, JW025, JAW025, LFAW025, SMAW250, SMH250, SMP250, SMW250 , YH025, YW025, YAW025, YH396, YW396, YAW396, YH396-V, YW396-V, YAW396-V, YH500, YW500, YAW500, YPH500, YPW500, YPAW500, YMH025, YMW025, YMAW025, YFAW025, YSW396, YFW500, YF200A, YF200S, YDBA025, YFW025, YH200, YHL200, YW200, YWL200, YAW200, YWLA200, YBH200, YBH025, YSH025, YSW025, YFH500, YFH800, YFW800, YPR381, YPP381, YPR038, YPP038.

Model Nos. YHL500, YWL500, YWLA500.

Model Nos. SMH200, SMW200, SMAW200, YDH200, YDW200 and YDAW200.

Cat. No. YDH-236 and YDW-236, may be followed by 1 or 2, may be followed by W, 6, R, Y, B, K or N.

Cat. Nos. 25036WS Series, 20010WR Series and 25038WS Series.

Cat. No. 10014HS Series.

Cat. Nos. 20022WR, -WS Series.

Cat. No. 130001WR Series.

Cat. No. 10003 Series.

Cat. No. 65002 Series.

Cat. No. SM600 Series.

Cat. No. 90032WR Series.

Cat. No. 12507 series.

Series 65001.

Cat. Nos. 90011WR-H03C, 90011HS-H03C.

Marking: Company name or tradename "YH" and catalog designation on device or carton.
Last Updated on 2009-01-08

Copyright ?2009 Underwriters Laboratories Inc.®

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from Underwriters Laboratories Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2009 Underwriters Laboratories Inc.®"

An independent organization working for a safer world with integrity, precision and knowledge.



CERTIFICATE OF COMPLIANCE

Certificate Number	<<UL-CA-2014683-0>>
Report Reference	<<E519538-20210301>>
Date	26-Mar-2021
Issued to:	ZHEJIANG CHENGMING ELECTRONCS TECHNOLOGY CO LTD North Village Hongqiao Town Yueqing , Zhengjiang, China 325600
This is to certify that representative samples of	ECBT8 - Connectors for Use in Data, Signal, Control and Power Applications Certified for Canada - Component See Addendum Page for Product Designation(s).
	Have been investigated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.
Standard(s) for Safety:	CSA C22.2 NO. 182.3, 2nd Ed., Issue Date: 2016-07-01, Revision Date: 2019-01-01
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/

CERTIFICATE OF COMPLIANCE

Certificate Number <<UL-CA-2014683-0>>
Report Reference <<E519538-20210301>>
Date 26-Mar-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
1.25	Connectors
2.3	Connectors
2.8	Connectors
5557	Connectors
5559	Connectors
HY	Connectors
JC20	Connectors
JC25	Connectors
MX3.0	Connectors
PH	Connectors
SAN	Connectors
SCN	Connectors
SM	Connectors
VH	Connectors
XH	Connectors
XHB	Connectors
XHD	Connectors
ZH	Connectors

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at http://ul.com/aboutul/locations/

Test Report

No.: CANEC25012789704 **Date:** Jun 06, 2025

Client Name: XINYA ELECTRONIC CO.,LTD.

Client Address: NO. 1,PANZHUYANG ROAD,LAIZHAI INTELLIGENT INDUSTRIAL PARK,YUEQING ZHEJIANG

Sample Name: Tin plated copper

The above sample(s) and information were provided by the client.

SGS Job No.: GZP25-014725

Sample Receiving Date: May 30, 2025

Testing Period: May 30, 2025 ~ Jun 06, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Arsene Ye

Arsene Ye
Approved Signatory

Scan to see the report

6F1FB296

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A3	CAN25-0127897-0001.C003	Silvery metal wire

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-1:2015 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A3
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))▼	-	μg/cm²	0.10	ND
Polybrominated biphenyls (PBB)	1000	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	-	mg/kg	25	ND
Dibrominated biphenyl (DiBB)	-	mg/kg	25	ND
Tribrominated biphenyl (TriBB)	-	mg/kg	25	ND
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	25	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	25	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	25	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	25	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	25	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	25	ND
Decabrominated biphenyl (DecaBB)	-	mg/kg	25	ND
Polybrominated diphenyl ethers (PBDE)	1000	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	25	ND
Dibrominated diphenyl ether (DiBDE)	-	mg/kg	25	ND
Tribrominated diphenyl ether (TriBDE)	-	mg/kg	25	ND
Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	25	ND
Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	25	ND
Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	25	ND
Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	25	ND

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Technical Laboratory
检验检测专用章 Inspection & Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

Test Item(s)	Limit	Unit(s)	MDL	A3
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	25	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	25	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	25	ND
Bis(2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND
Dibutyl Phthalate (DBP)	1000	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	1000	mg/kg	50	ND

Notes:

(1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.

(2) IEC 62321 series is equivalent to EN 62321 series.

(3) ▼ =
a. The sample is positive for Cr(VI) if the Cr(VI)concentration is greater than 0.13 μg/cm^2. The sample coating is considered to contain Cr(VI).
b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 μg/cm^2). The coating is considered a non-Cr(VI) based coating.
c. The result between 0.10 μg/cm^2 and 0.13 μg/cm^2 is considered to be inconclusive-unavoidable coating variations may influence the determination.

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

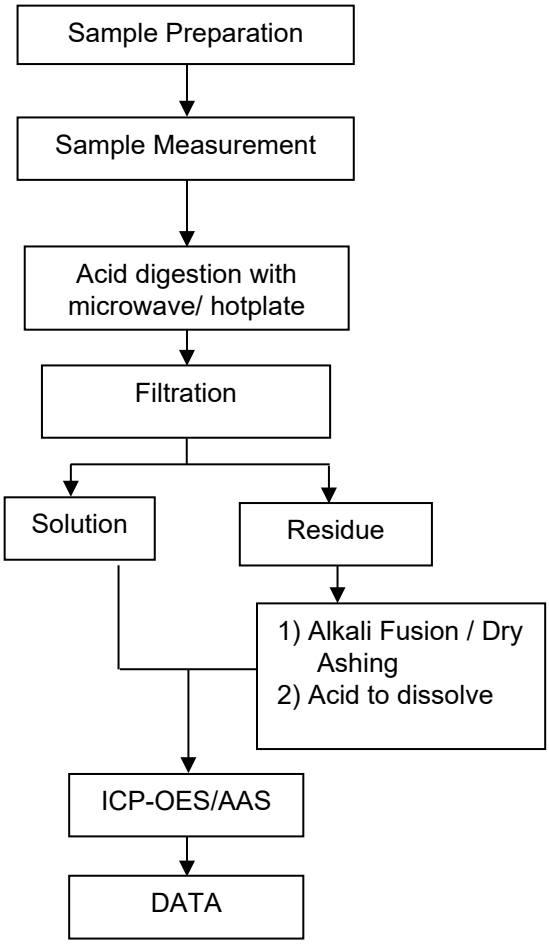
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.
检验检测专用章 Inspection & Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.

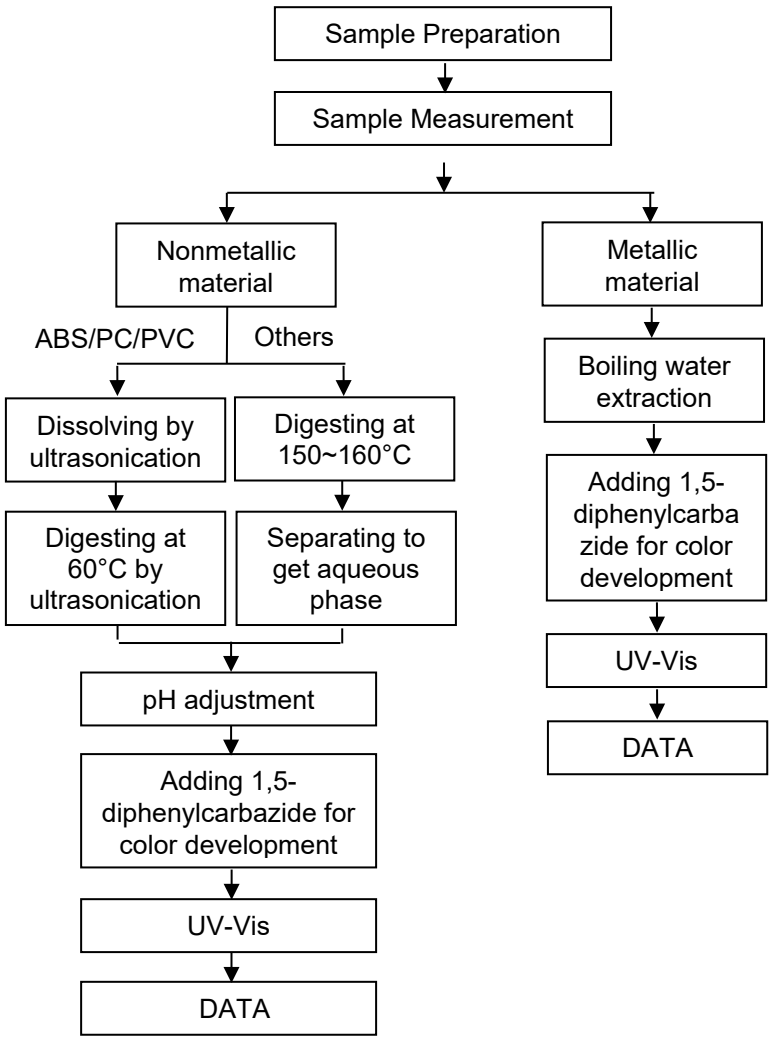


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Service Chemical Laboratory.
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

ATTACHMENTS

Hexavalent Chromium (Cr(VI)) Testing Flow Chart

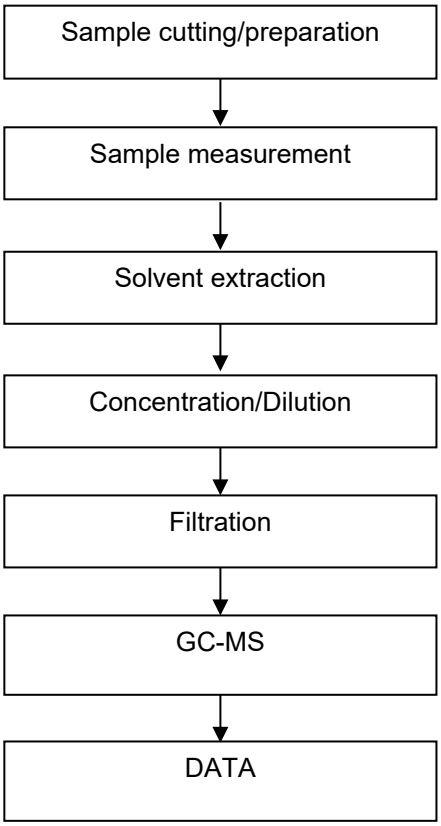


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Service Chemical Laboratory.
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

ATTACHMENTS

PBB/PBDE/Phthalates Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Service Chemical Laboratory.
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

Sample Photo:



CAN25-0127897-0001.C003

SGS authenticate the photo on original report only

*** End of Report ***

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center Chemical Laboratory.
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Test Report

No.: CANEC25004693113 **Date:** Mar 17, 2025

Client Name: XINYA ELECTRONIC CO.,LTD.

Client Address: NO. 1,PANZHUYANG ROAD,LAIZHAI INTELLIGENT INDUSTRIAL PARK,YUEQING ZHEJIANG

Sample Name: PVC(black)

Client Ref. Information: See attachment

The above sample(s) and information were provided by the client.

SGS Job No.: GZP25-005470

Sample Receiving Date: Mar 10, 2025

Testing Period: Mar 10, 2025 ~ Mar 17, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU and client's requirement - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Violet Shi
Approved Signatory

Scan to see the report

CE82431E

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Chemical Laboratory
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663
t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A3	CAN25-0046931-0001.C003	Black plastic grains

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU and client's requirement - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A3
Lead (Pb)	600	mg/kg	2	ND
Mercury (Hg)	600	mg/kg	2	ND
Cadmium (Cd)	60	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	600	mg/kg	8	ND
Polybrominated biphenyls (PBB)	600	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	-	mg/kg	25	ND
Dibrominated biphenyl (DiBB)	-	mg/kg	25	ND
Tribrominated biphenyl (TriBB)	-	mg/kg	25	ND
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	25	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	25	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	25	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	25	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	25	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	25	ND
Decabrominated biphenyl (DecaBB)	-	mg/kg	25	ND
Polybrominated diphenyl ethers (PBDE)	600	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	25	ND
Dibrominated diphenyl ether (DiBDE)	-	mg/kg	25	ND
Tribrominated diphenyl ether (TriBDE)	-	mg/kg	25	ND
Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	25	ND
Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	25	ND
Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	25	ND
Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	25	ND

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Chemical Laboratory.
检验检测专用章 Inspection & Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Test Item(s)	Limit	Unit(s)	MDL	A3
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	25	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	25	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	25	ND
Di-2-Ethyl Hexyl Phthalate (DEHP)	600	mg/kg	50	ND
Benzyl Butyl Phthalate (BBP)	600	mg/kg	50	ND
Dibutyl Phthalate (DBP)	600	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	600	mg/kg	50	ND

Notes:

(1) The maximum permissible limit is quoted from the client requirement.

(2) IEC 62321 series is equivalent to EN 62321 series.

(3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.

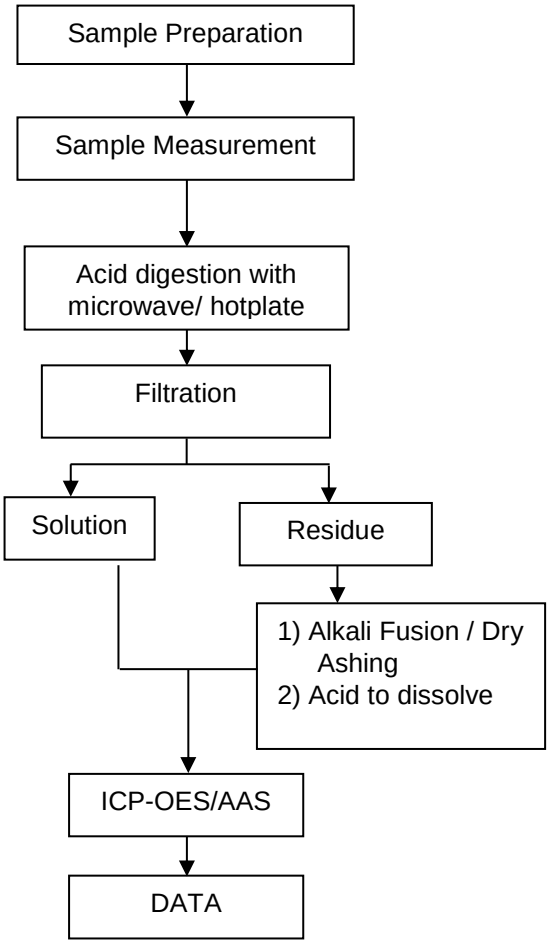
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

ATTACHMENTS

Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.



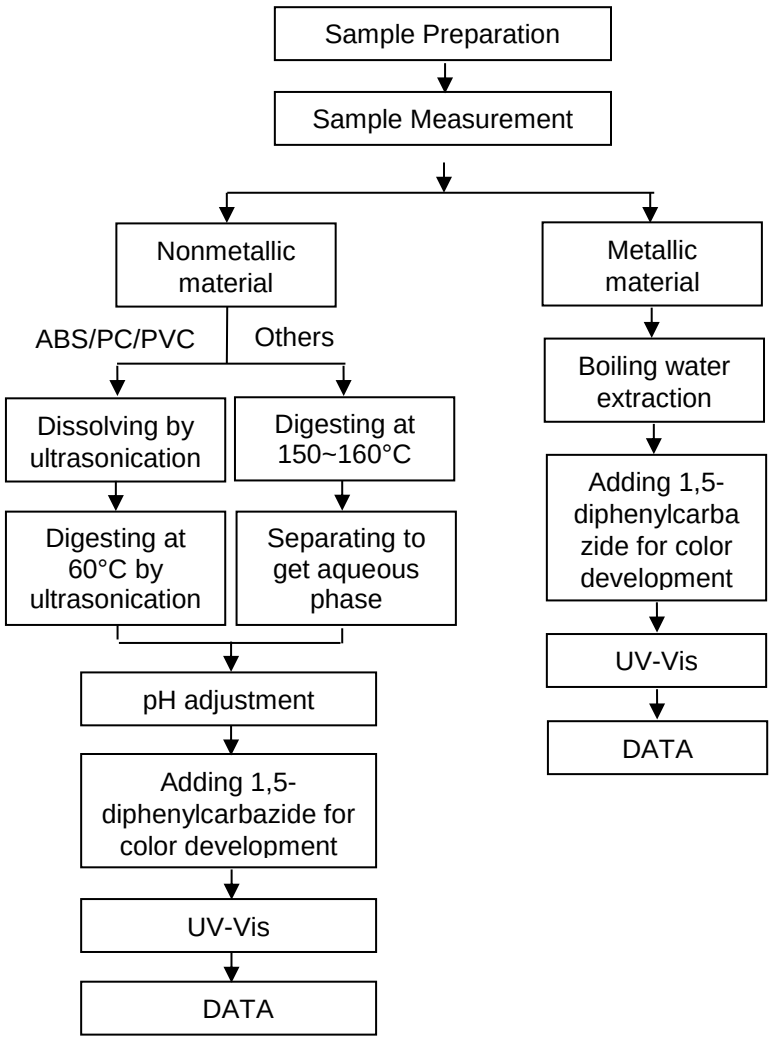
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

ATTACHMENTS

Hexavalent Chromium (Cr(VI)) Testing Flow Chart

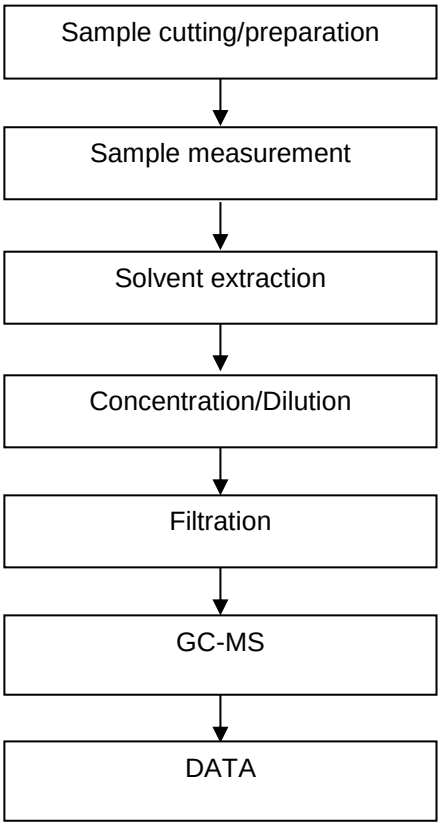


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

ATTACHMENTS

PBB/PBDE/Phthalates Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

Attachment:

AWM10059、AWM1007、AWM10070、AWM1010、AWM1015、AWM10269、AWM10272、AWM1028、AWM1032、AWM1056、AWM10913、AWM10918、AWM1095、AWM10974、AWM11079、AWM1108、AWM11627、AWM1185、AWM1275、AWM1283、AWM1316、AWM1346、AWM1347、AWM1452、AWM1500、AWM1569、AWM1571、AWM1674、AWM1685、AWM1728、AWM1745、AWM1792、AWM20080、AWM2096、AWM2405、AWM2408、AWM2468、AWM2562、AWM2651、AWM2689、AWM2845、AWM2851、AWM2877、AWM2881、AWM10002、AWM10071、AWM10335、AWM10501、AWM1061、AWM1533、AWM2547、AWM10097、AWM10183、AWM1430、AWM1431、AWM3443、CXTW、XTW、NISPT-1、NISPT-2、SJT、SJTW、SPT-1/SPT-1W、SPT-2/SPT-2W、SPT-3、 ST、SVT、CCC STYLE： 60227 IEC 02(RV)、06(RV)、08（RV-90）、52(RVV)、53(RVV)、10(BVV)、BVVB、01(BV)、05(BV)、07(BV-90)、BVR、RVV、RVVP、AV/AV-90、AVR/AVR-90、AVVR、NON、XY

VDE STYLE:H03VVH2-F/H03VV-F、H05VVH2-F/H05VV-F、H07V-K、H05V-K、H05V2-K、H05V2V2-F、FLRY-A、FLRY-B、FLRYW-A、FLRYW-B、FLRYY、QVR-105、QVR、QB、GPT、TWP、AV、AVS、AVSS、AVX、CAVS、AVSSH、HEB、JIS C3501:MIL-C-17F、RG-58/U、RG-174/U

VSF/HVSF、VCTF/HVCTF、 VCTFK/HVCTFK、VCT/HVCT、VFF、KIV、HKIV、HVFF;

CQC STYLE:

2468(EB(Z)-80/T,TX/PVC 300V 0.051-1.31(2-25core));
2651(EB(Z)-105/T,TX/PVC 300V 0.051-1.31(2-25 core)) ;
1571(E(Z)-80/T,TX/SRPVC 30V0.051-1.31);
1571(E(Z)-80/T,TX/SRPVC 300V 0.051-1.31);
1571(EBB(Z)-80/T,TX/SRPVC 300V 0.051-1.31);
1061(E(Z)-80/T,TX/SRPVC 300V 0.051～1.31);
1061(EBB(Z)-80/T,TX/SRPVC 300V 0.051-2.08);
10071(E(Z)-80/T,TX/SRPVC 300V 0.051-1.31);
10071(EBB(Z)-80/T,TX/SRPVC 300V 0.051-2.08);
10002(E(Z)-105/T,TX/SRPVC 300V 0.051-1.31);
10002(EBB(Z)-105/T,TX/SRPVC 300V 0.051-1.31) ;
1571(E(Z)-80/T,TX/PVC 30V 0.051-1.31);
1571(E(Z)-80/T,TX/PVC 300V 0.051-1.31);
1571(EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
10272 (E(Z)-80/T,TX/PVC 150V 0.051-0.52);
10272 (EBB(Z)-80/T,TX/PVC 150V 0.051-0.52);
11079 (E(Z)-80/T,TX/PVC 150V 0.051-0.13);
11079 (EBB(Z)-80/T,TX/PVC 150V 0.051-0.13);
1007 (E(Z)-80/T,TX/PVC 300V 0.051-1.31);
1007 (EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
1095 (E(Z)-80/T,TX/PVC 300V 0.051-1.31);
1095 (EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
1618 (E(Z)-80/T,TX/PVC 300V 0.051-1.31);
1618 (EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
10913 (E(Z)-80/T,TX/PVC 300V 0.051-1.31);
10913 (EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
1685 (E(Z)-105/T,TX/PVC 30V 0.051-1.31);

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory
检验检测专用章 Inspection & Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

10059(E(Z)-105/T,TX/PVC 150V0.051-1.31);
10059(EBB(Z)-105/T,TX/PVC 150V 0.051-1.31);
1569 (E(Z)-105/T,TX/PVC 300V0.051-21.2);
1672 (E(Z)-105/T,TX/PVC 300V 0.051-21.2)
1430 (E(Z)-105/T,TX/PVC 300V 0.051-1.31);
1674 (E(Z)-105/T,TX/PVC 300V 0.051-3.31);
1674 (EBB(Z)-105/T,TX/PVC 300V0.051-3.31);
1015 (E(Z)-105/T,TX/PVC 600V 0.051-21.2);
1028 (E(Z)-105/T,TX/PVC 600V 0.32-13.3);
1275 (E(Z)-105/T,TX/PVC 600V 0.82-5.26);
1283 (E(Z)-105/T,TX/PVC 600V 8.37-21.2);
1346 (E(Z)-105/T,TX/PVC 600V 8.37-21.2);
1617 (E(Z)-105/T,TX/PVC 600V 0.051-21.2);
10070 (E(Z)-105/T,TX/PVC 600V 0.82-21.2);
1032 (E(Z)-105/T,TX/PVC 1000V 0.051-21.2);
10269 (E(Z)-105/T,TX/PVC 1000V 0.051-21.2);
10974 (E(Z)-105/T,TX/PVC 2000V 0.051-21.2);
11627 (E(Z)-105/T,TX/PVC 2000V 0.051-21.2);
1430 (E(Z)-105/T,TX/XLPVC 300V 0.051-1.31);
1430 (EBB(Z)-105/T,TX/XLPVC 300V 0.051-1.31);
3443 (E(Z)-105/T,TX/XLPVC 300V 0.051-2.08);
3443 (EBB(Z)-105/T,TX/XLPVC 300V 0.051-2.08);
1431(E(Z)-105/T,TX/XLPVC 600V 0.051-5.26);
1431 (EBB(Z)-105/T,TX/XLPVC 600V 0.051-5.26);
10097 (E(Z)-105/T,TX/XLPVC 600V 0.051-5.26);
10097 (EBB(Z)-105/T,TX/XLPVC 600V 0.051-5.26);
10183(E(Z)-105/T,TX/XLPVC 1000V 0.051-5.26);
10183(EBB(Z)-105/T,TX/XLPVC 1000V 0.051-5.26);
2835 (E(Z)-60/T,TX/VV 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/VV 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/VV 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/VV 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国 • 广东 • 广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

2725 (E(Z)-80/T,TX/VV 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/VV 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/VV 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2096 (E(Z)-80/T,TX/VV 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P/V 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P1/V 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P3/V 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-1.31(2-8 core));
2464 (E(Z)-80/T,TX/VV 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2405 (E(Z)-80/T,TX/VV 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P/V 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P1/V 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P3/V 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-1.31(2-6 core));
1185 (E(Z)-80/T,TX/V/P/V 300V 0.051-5.26(1 core));
1185 (E(Z)-80/T,TX/V/P1/V 300V 0.051-5.26(1 core));
2570 (E(Z)-80/T,TX/VV 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P1/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P3/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P3P/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P3P1/V 600V 0.051-5.26(2-25 core));
20464 (E(Z)-105/T,TX/VV 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P1/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P3/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P3P/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P3P1/V 150V 0.051-5.26(2-30 core))
2103 (E(Z)-105/T,TX/VV 300V 0.051-5.26(2-30 core));

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

2103 (E(Z)-105/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/VV 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/VV 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2501 (E(Z)-105/T,TX/VV 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P1/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P3/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P3P/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P3P1/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/VV 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P1/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P3/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P3P/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P3P1/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/VV 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P1/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P3/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P3P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P3P1/V 600V 0.051-8.37(2-25 core));
2733 (E(Z)-105/T,TX/VV 600V 0.051-8.37(2-7 core));
2733 (E(Z)-105/T,TX/V/P3/V 600V 0.051-5.26(2-7 core));
2835 (E(Z)-60/T,TX/SRPVC/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P1/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P3/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P3P/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P3P1/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P1/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P3/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P3P/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P3P1/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/P/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/P1/V 30V 0.051-5.26(2-30 core));

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

20276 (E(Z)-80/T,TX/SRPVC/P3/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/P3P/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/P3P1/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P1/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P3/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P3P/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P3P1/V 30V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2547 (E(Z)-80/T,TX/SRPVC/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P3/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P3P/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P3P1/V 300V 0.051-1.31(2-3 core));
1533 (E(Z)-80/T,TX/SRPVC/P/V 30V 0.051-1.31(1 core));
1533 (E(Z)-80/T,TX/SRPVC/P1/V 30V 0.051-1.31(1 core));
1533 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-1.31(1 core));
1533 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-1.31(1 core));
2570 (E(Z)-80/T,TX/SRPVC/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P1/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P3/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P3P/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P3P1/V 600V 0.051-5.26(2-25 core));
20464 (E(Z)-105/T,TX/SRPVC/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P1/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P3/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P3P/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P3P1/V 150V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

2103 (E(Z)-105/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2501 (E(Z)-105/T,TX/SRPVC/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P1/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P3/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P3P/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P3P1/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P1/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P3/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P3P/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P3P1/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P1/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P3/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P3P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P3P1/V 600V 0.051-8.37(2-25 core));
V-90 600/1000V AS/NZS 5000.1,
V-90 5V-90 600/1000V AS/NZS 5000.1,
V-90 5V-90 450/750V A/NZS 5000.2,

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.
检验检测专用章 Inspection & Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

Sample Photo:



CAN25-0046931-0001.C003

SGS authenticate the photo on original report only

*** End of Report ***

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Test Report

No.: CANEC25004693125 **Date:** Mar 17, 2025

Client Name: XINYA ELECTRONIC CO.,LTD.

Client Address: NO. 1,PANZHUYANG ROAD,LAIZHAI INTELLIGENT INDUSTRIAL PARK,YUEQING ZHEJIANG

Sample Name: PVC(red)

Client Ref. Information: See attachment

The above sample(s) and information were provided by the client.

SGS Job No.: GZP25-005470

Sample Receiving Date: Mar 10, 2025

Testing Period: Mar 10, 2025 ~ Mar 17, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU and client's requirement - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Violet Shi
Approved Signatory

Scan to see the report

6E4241C7

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Technical Laboratory
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663
t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A5	CAN25-0046931-0001.C005	Red plastic grains

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU and client's requirement - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A5
Lead (Pb)	600	mg/kg	2	ND
Mercury (Hg)	600	mg/kg	2	ND
Cadmium (Cd)	60	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	600	mg/kg	8	ND
Polybrominated biphenyls (PBB)	600	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	-	mg/kg	25	ND
Dibrominated biphenyl (DiBB)	-	mg/kg	25	ND
Tribrominated biphenyl (TriBB)	-	mg/kg	25	ND
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	25	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	25	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	25	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	25	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	25	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	25	ND
Decabrominated biphenyl (DecaBB)	-	mg/kg	25	ND
Polybrominated diphenyl ethers (PBDE)	600	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	25	ND
Dibrominated diphenyl ether (DiBDE)	-	mg/kg	25	ND
Tribrominated diphenyl ether (TriBDE)	-	mg/kg	25	ND
Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	25	ND
Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	25	ND
Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	25	ND
Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	25	ND

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Chemical Laboratory
检验检测专用章 Inspection & Testing Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Test Item(s)	Limit	Unit(s)	MDL	A5
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	25	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	25	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	25	ND
Di-2-Ethyl Hexyl Phthalate (DEHP)	600	mg/kg	50	ND
Benzyl Butyl Phthalate (BBP)	600	mg/kg	50	ND
Dibutyl Phthalate (DBP)	600	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	600	mg/kg	50	ND

Notes:

(1) The maximum permissible limit is quoted from the client requirement.

(2) IEC 62321 series is equivalent to EN 62321 series.

(3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center / Chemical Laboratory.

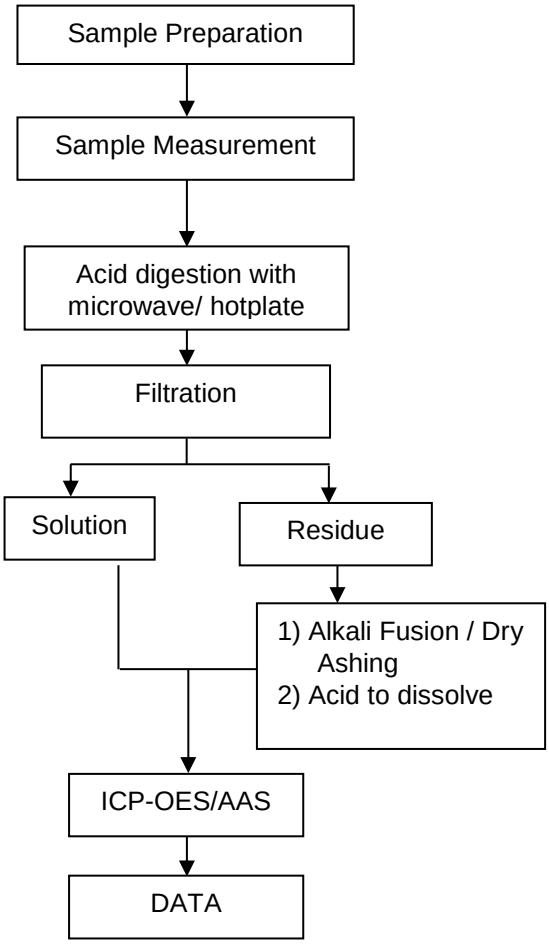
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

ATTACHMENTS

Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.

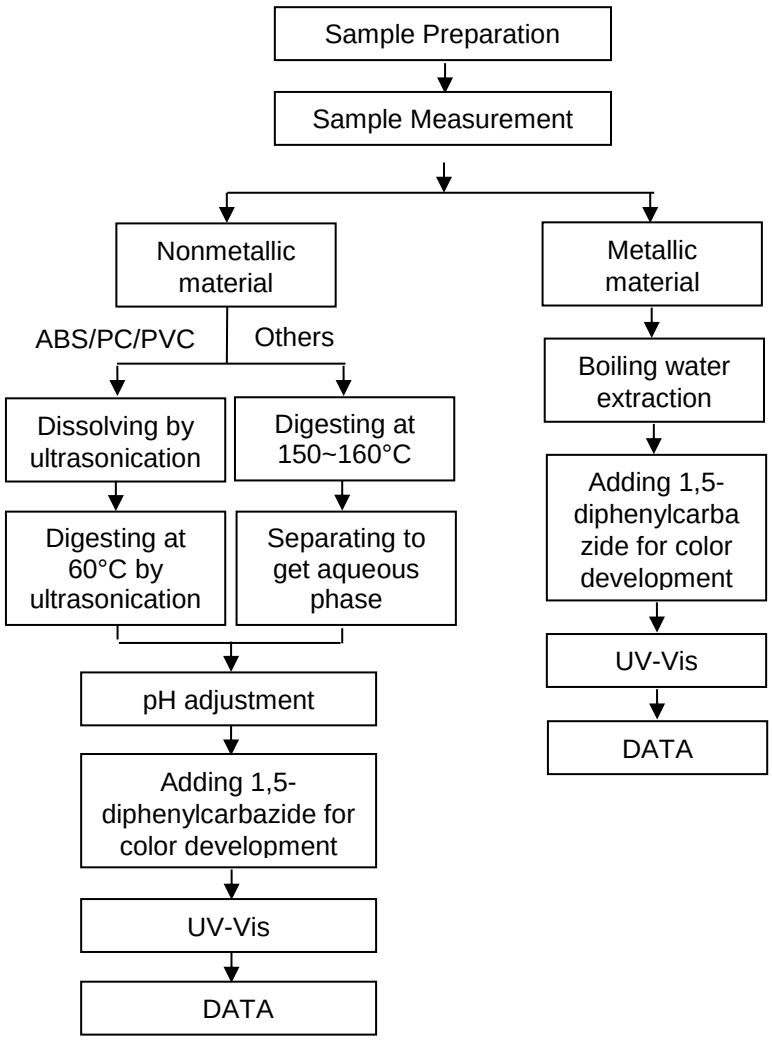


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

ATTACHMENTS

Hexavalent Chromium (Cr(VI)) Testing Flow Chart

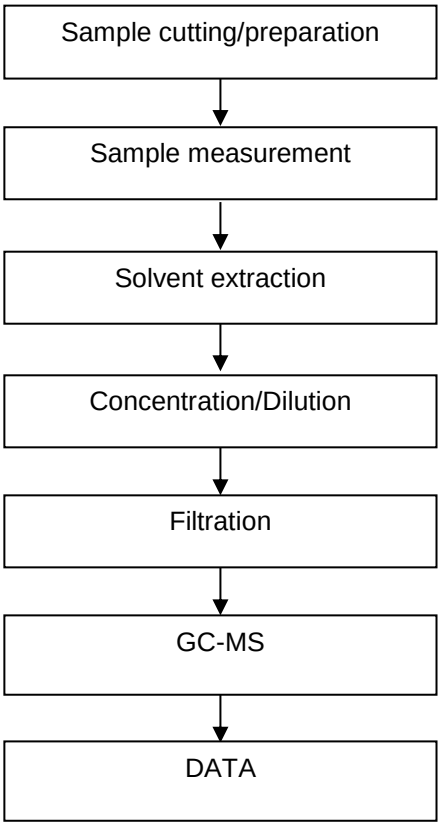


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com
Member of the SGS Group (SGS SA)

ATTACHMENTS

PBB/PBDE/Phthalates Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 sgs.china@sgs.com

Attachment:

AWM10059、AWM1007、AWM10070、AWM1010、AWM1015、AWM10269、AWM10272、AWM1028、AWM1032、AWM1056、AWM10913、AWM10918、AWM1095、AWM10974、AWM11079、AWM1108、AWM11627、AWM1185、AWM1275、AWM1283、AWM1316、AWM1346、AWM1347、AWM1452、AWM1500、AWM1569、AWM1571、AWM1674、AWM1685、AWM1728、AWM1745、AWM1792、AWM20080、AWM2096、AWM2405、AWM2408、AWM2468、AWM2562、AWM2651、AWM2689、AWM2845、AWM2851、AWM2877、AWM2881、AWM10002、AWM10071、AWM10335、AWM10501、AWM1061、AWM1533、AWM2547、AWM10097、AWM10183、AWM1430、AWM1431、AWM3443、CXTW、XTW、NISPT-1、NISPT-2、SJT、SJTW、SPT-1/SPT-1W、SPT-2/SPT-2W、SPT-3、 ST、SVT、CCC STYLE： 60227 IEC 02(RV)、06(RV)、08（RV-90）、52(RVV)、53(RVV)、10(BVV)、BVVB、01(BV)、05(BV)、07(BV-90)、BVR、RVV、RVVP、AV/AV-90、AVR/AVR-90、AVVR、NON、XY

VDE STYLE:H03VVH2-F/H03VV-F、H05VVH2-F/H05VV-F、H07V-K、H05V-K、H05V2-K、H05V2V2-F、FLRY-A、FLRY-B、FLRYW-A、FLRYW-B、FLRYY、QVR-105、QVR、QB、GPT、TWP、AV、AVS、AVSS、AVX、CAVS、AVSSH、HEB、JIS C3501:MIL-C-17F、RG-58/U、RG-174/U

VSF/HVSF、VCTF/HVCTF、 VCTFK/HVCTFK、VCT/HVCT、VFF、KIV、HKIV、HVFF;

CQC STYLE:

2468(EB(Z)-80/T,TX/PVC 300V 0.051-1.31(2-25core));
2651(EB(Z)-105/T,TX/PVC 300V 0.051-1.31(2-25 core)) ;
1571(E(Z)-80/T,TX/SRPVC 30V0.051-1.31);
1571(E(Z)-80/T,TX/SRPVC 300V 0.051-1.31);
1571(EBB(Z)-80/T,TX/SRPVC 300V 0.051-1.31);
1061(E(Z)-80/T,TX/SRPVC 300V 0.051～1.31);
1061(EBB(Z)-80/T,TX/SRPVC 300V 0.051-2.08);
10071(E(Z)-80/T,TX/SRPVC 300V 0.051-1.31);
10071(EBB(Z)-80/T,TX/SRPVC 300V 0.051-2.08);
10002(E(Z)-105/T,TX/SRPVC 300V 0.051-1.31);
10002(EBB(Z)-105/T,TX/SRPVC 300V 0.051-1.31) ;
1571(E(Z)-80/T,TX/PVC 30V 0.051-1.31);
1571(E(Z)-80/T,TX/PVC 300V 0.051-1.31);
1571(EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
10272 (E(Z)-80/T,TX/PVC 150V 0.051-0.52);
10272 (EBB(Z)-80/T,TX/PVC 150V 0.051-0.52);
11079 (E(Z)-80/T,TX/PVC 150V 0.051-0.13);
11079 (EBB(Z)-80/T,TX/PVC 150V 0.051-0.13);
1007 (E(Z)-80/T,TX/PVC 300V 0.051-1.31);
1007 (EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
1095 (E(Z)-80/T,TX/PVC 300V 0.051-1.31);
1095 (EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
1618 (E(Z)-80/T,TX/PVC 300V 0.051-1.31);
1618 (EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
10913 (E(Z)-80/T,TX/PVC 300V 0.051-1.31);
10913 (EBB(Z)-80/T,TX/PVC 300V 0.051-1.31);
1685 (E(Z)-105/T,TX/PVC 30V 0.051-1.31);

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

10059(E(Z)-105/T,TX/PVC 150V0.051-1.31);
10059(EBB(Z)-105/T,TX/PVC 150V 0.051-1.31);
1569 (E(Z)-105/T,TX/PVC 300V0.051-21.2);
1672 (E(Z)-105/T,TX/PVC 300V 0.051-21.2)
1430 (E(Z)-105/T,TX/PVC 300V 0.051-1.31);
1674 (E(Z)-105/T,TX/PVC 300V 0.051-3.31);
1674 (EBB(Z)-105/T,TX/PVC 300V0.051-3.31);
1015 (E(Z)-105/T,TX/PVC 600V 0.051-21.2);
1028 (E(Z)-105/T,TX/PVC 600V 0.32-13.3);
1275 (E(Z)-105/T,TX/PVC 600V 0.82-5.26);
1283 (E(Z)-105/T,TX/PVC 600V 8.37-21.2);
1346 (E(Z)-105/T,TX/PVC 600V 8.37-21.2);
1617 (E(Z)-105/T,TX/PVC 600V 0.051-21.2);
10070 (E(Z)-105/T,TX/PVC 600V 0.82-21.2);
1032 (E(Z)-105/T,TX/PVC 1000V 0.051-21.2);
10269 (E(Z)-105/T,TX/PVC 1000V 0.051-21.2);
10974 (E(Z)-105/T,TX/PVC 2000V 0.051-21.2);
11627 (E(Z)-105/T,TX/PVC 2000V 0.051-21.2);
1430 (E(Z)-105/T,TX/XLPVC 300V 0.051-1.31);
1430 (EBB(Z)-105/T,TX/XLPVC 300V 0.051-1.31);
3443 (E(Z)-105/T,TX/XLPVC 300V 0.051-2.08);
3443 (EBB(Z)-105/T,TX/XLPVC 300V 0.051-2.08);
1431(E(Z)-105/T,TX/XLPVC 600V 0.051-5.26);
1431 (EBB(Z)-105/T,TX/XLPVC 600V 0.051-5.26);
10097 (E(Z)-105/T,TX/XLPVC 600V 0.051-5.26);
10097 (EBB(Z)-105/T,TX/XLPVC 600V 0.051-5.26);
10183(E(Z)-105/T,TX/XLPVC 1000V 0.051-5.26);
10183(EBB(Z)-105/T,TX/XLPVC 1000V 0.051-5.26);
2835 (E(Z)-60/T,TX/VV 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/VV 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
2851 (E(Z)-80/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/VV 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/VV 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Technical Services Co., Ltd. Chemical Laboratory
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

2725 (E(Z)-80/T,TX/VV 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P1/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P3/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P3P/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/V/P3P1/V 30V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/VV 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/VV 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2096 (E(Z)-80/T,TX/VV 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P/V 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P1/V 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P3/V 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-1.31(2-8 core));
2096 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-1.31(2-8 core));
2464 (E(Z)-80/T,TX/VV 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2405 (E(Z)-80/T,TX/VV 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P/V 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P1/V 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P3/V 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P3P/V 300V 0.051-1.31(2-6 core));
2405 (E(Z)-80/T,TX/V/P3P1/V 300V 0.051-1.31(2-6 core));
1185 (E(Z)-80/T,TX/V/P/V 300V 0.051-5.26(1 core));
1185 (E(Z)-80/T,TX/V/P1/V 300V 0.051-5.26(1 core));
2570 (E(Z)-80/T,TX/VV 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P1/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P3/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P3P/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/V/P3P1/V 600V 0.051-5.26(2-25 core));
20464 (E(Z)-105/T,TX/VV 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P1/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P3/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P3P/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/V/P3P1/V 150V 0.051-5.26(2-30 core))
2103 (E(Z)-105/T,TX/VV 300V 0.051-5.26(2-30 core));

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

2103 (E(Z)-105/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/VV 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/VV 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P1/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P3/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P3P/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/V/P3P1/V 300V 0.051-5.26(2-30 core));
2501 (E(Z)-105/T,TX/VV 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P1/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P3/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P3P/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/V/P3P1/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/VV 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P1/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P3/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P3P/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/V/P3P1/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/VV 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P1/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P3/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P3P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/V/P3P1/V 600V 0.051-8.37(2-25 core));
2733 (E(Z)-105/T,TX/VV 600V 0.051-8.37(2-7 core));
2733 (E(Z)-105/T,TX/V/P3/V 600V 0.051-5.26(2-7 core));
2835 (E(Z)-60/T,TX/SRPVC/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P1/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P3/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P3P/V 30V 0.051-5.26(2-30 core));
2835 (E(Z)-60/T,TX/SRPVC/P3P1/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P1/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P3/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P3P/V 30V 0.051-5.26(2-30 core));
2854 (E(Z)-80/T,TX/SRPVC/P3P1/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/P/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/P1/V 30V 0.051-5.26(2-30 core));

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

20276 (E(Z)-80/T,TX/SRPVC/P3/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/P3P/V 30V 0.051-5.26(2-30 core));
20276 (E(Z)-80/T,TX/SRPVC/P3P1/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P1/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P3/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P3P/V 30V 0.051-5.26(2-30 core));
2725 (E(Z)-80/T,TX/SRPVC/P3P1/V 30V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2095 (E(Z)-80/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2571 (E(Z)-80/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2464 (E(Z)-80/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2547 (E(Z)-80/T,TX/SRPVC/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P3/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P3P/V 300V 0.051-1.31(2-3 core));
2547 (E(Z)-80/T,TX/SRPVC/P3P1/V 300V 0.051-1.31(2-3 core));
1533 (E(Z)-80/T,TX/SRPVC/P/V 30V 0.051-1.31(1 core));
1533 (E(Z)-80/T,TX/SRPVC/P1/V 30V 0.051-1.31(1 core));
1533 (E(Z)-80/T,TX/SRPVC/P/V 300V 0.051-1.31(1 core));
1533 (E(Z)-80/T,TX/SRPVC/P1/V 300V 0.051-1.31(1 core));
2570 (E(Z)-80/T,TX/SRPVC/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P1/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P3/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P3P/V 600V 0.051-5.26(2-25 core));
2570 (E(Z)-80/T,TX/SRPVC/P3P1/V 600V 0.051-5.26(2-25 core));
20464 (E(Z)-105/T,TX/SRPVC/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P1/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P3/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P3P/V 150V 0.051-5.26(2-30 core));
20464 (E(Z)-105/T,TX/SRPVC/P3P1/V 150V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

2103 (E(Z)-105/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2103 (E(Z)-105/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2517 (E(Z)-105/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P1/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P3/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P3P/V 300V 0.051-5.26(2-30 core));
2661 (E(Z)-105/T,TX/SRPVC/P3P1/V 300V 0.051-5.26(2-30 core));
2501 (E(Z)-105/T,TX/SRPVC/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P1/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P3/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P3P/V 600V 0.051-8.37(2-25 core));
2501 (E(Z)-105/T,TX/SRPVC/P3P1/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P1/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P3/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P3P/V 600V 0.051-8.37(2-25 core));
2586 (E(Z)-105/T,TX/SRPVC/P3P1/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P1/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P3/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P3P/V 600V 0.051-8.37(2-25 core));
2587 (E(Z)-105/T,TX/SRPVC/P3P1/V 600V 0.051-8.37(2-25 core));
V-90 600/1000V AS/NZS 5000.1,
V-90 5V-90 600/1000V AS/NZS 5000.1,
V-90 5V-90 450/750V A/NZS 5000.2,

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

Sample Photo:



CAN25-0046931-0001.C005

SGS authenticate the photo on original report only

*** End of Report ***

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Technical Services Co., Ltd. Chemical Laboratory.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86–20) 82155555 www.sgsgroup.com.cn
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

中国认可
国际互认
检测
TESTING
CNAS L0599

Test Report

No.: SHAEC25016443413 **Date:** Jul 08, 2025

Client Name: Kunshan Yongji Precise Electronic Material Co.,Ltd

Client Address: Yuyang Road No.898 Kunshan City Jiangsu

Sample Name: C5191(QSN6.5-0.1)(CuSn6)

The above sample(s) and information were provided by the client.

SGS Job No.: SHP25-022075

Sample Receiving Date: Jul 02, 2025

Testing Period: Jul 02, 2025 ~ Jul 08, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass
Element(s)	See Results

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Jenny Lan
Approved Signatory

Scan to see the report

839A90EE

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. Chemical Laboratory
检验检测专用章 Inspection & Testing Services
3rd Building,No.889 Yishan Road Xuhui District,Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233
t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21)61156899 sgs.china@sgs.com

Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A7	SHA25-0164434-0001.C007	Copper metal

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-1:2015, IEC 62321-6:2015 and IEC62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A7
Lead (Pb)	1000	mg/kg	2	8
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))▼	-	μg/cm²	0.10	ND
Polybromobiphenyl (PBB)	1000	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	-	mg/kg	5	ND
Dibrominated biphenyl (DiBB)	-	mg/kg	5	ND
Tribrominated biphenyl (TriBB)	-	mg/kg	5	ND
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	5	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	5	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	5	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	5	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	5	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	5	ND
Decabrominated biphenyl (DecaBB)	-	mg/kg	5	ND
Polybromodiphenyl ether(PBDE)	1000	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	5	ND
Dibrominated diphenyl ether (DiBDE)	-	mg/kg	5	ND
Tribrominated diphenyl ether (TriBDE)	-	mg/kg	5	ND
Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	5	ND
Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	5	ND
Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	5	ND
Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	5	ND

检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd. Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86-21) 61402594 f HL (86-21)61156899 sgs.china@sgs.com

Test Item(s)	Limit	Unit(s)	MDL	A7
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	5	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	5	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	5	ND
Bis(2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND
Dibutyl phthalate (DBP)	1000	mg/kg	50	ND
Diisobutyl phthalate (DIBP)	1000	mg/kg	50	ND

Notes:

(1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.

(2) IEC 62321 series is equivalent to EN 62321 series.

(3) ▼ =
a. The sample is positive for Cr(VI) if the Cr(VI)concentration is greater than 0.13 μg/cm^2. The sample coating is considered to contain Cr(VI).
b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 μg/cm^2). The coating is considered a non-Cr(VI) based coating.
c. The result between 0.10 μg/cm^2 and 0.13 μg/cm^2 is considered to be inconclusive-unavoidable coating variations may influence the determination.

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

(4) Test item PBB,PBDE,Phthalates are not included in CNAS Accredited Scope for our laboratory.

Element(s)

Test Method: With reference to SHTC-CHEM-SOP-53-T, analysis was performed by ICP-OES/AAS.

Test Item(s)	Unit(s)	MDL	A7
Antimony(Sb)	mg/kg	10	ND
Beryllium(Be)	mg/kg	5	ND
Arsenic(As)	mg/kg	10	ND

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

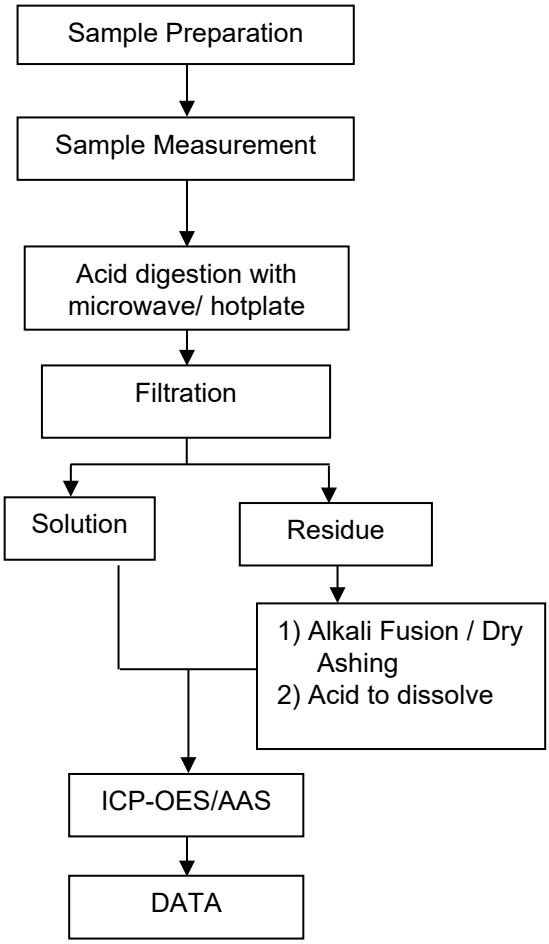
检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd. Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3rd Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 t E&E (86–21) 61402553 f E&E (86–21)64953679 www.sgsgroup.com.cn
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233 t HL (86–21) 61402594 f HL (86–21)61156899 sgs.china@sgs.com

Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.

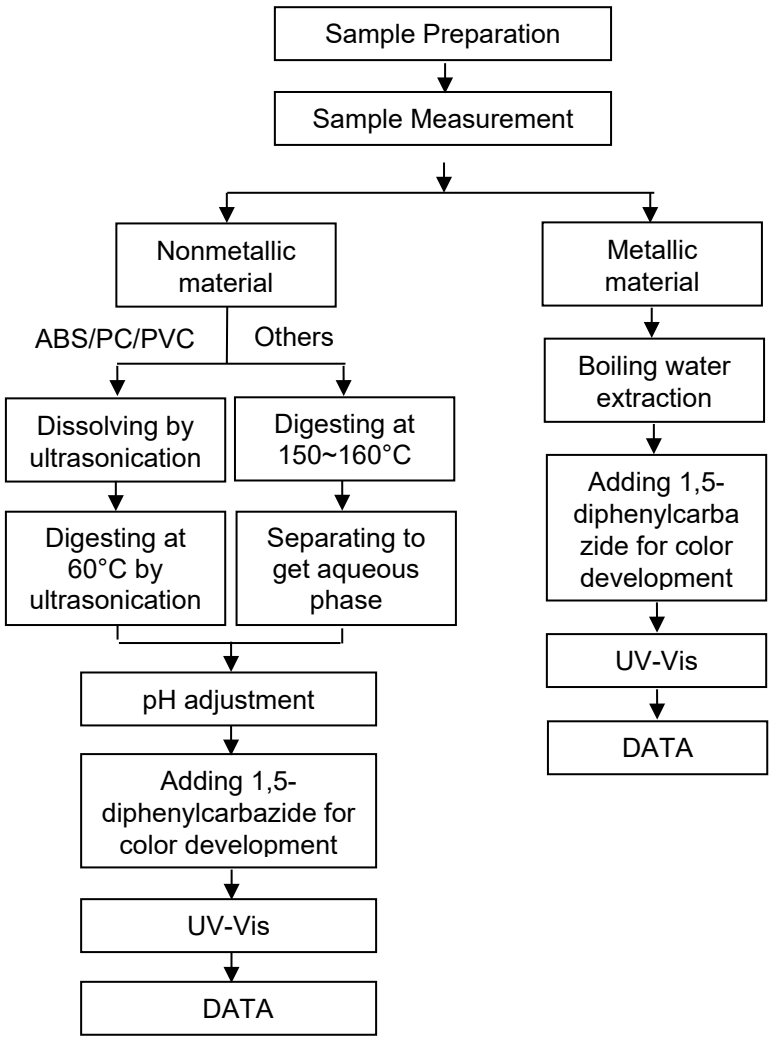


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd. Chemical Laboratory
3rd Building,No.889 Yishan Road Xuhui District,Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233
t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21)61156899 sgs.china@sgs.com

ATTACHMENTS

Hexavalent Chromium (Cr(VI)) Testing Flow Chart

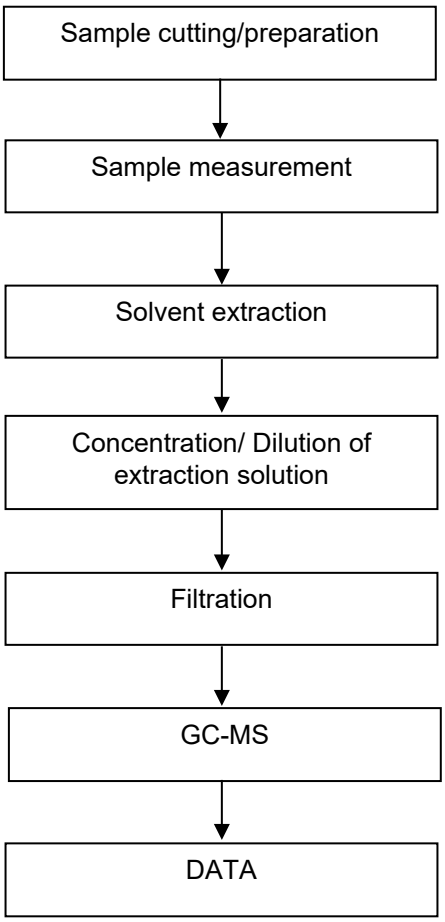


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. Chemical Laboratory
3rd Building,No.889 Yishan Road Xuhui District,Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233
t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21)61156899 sgs.china@sgs.com

ATTACHMENTS

PBB/PBDE Testing Flow Chart

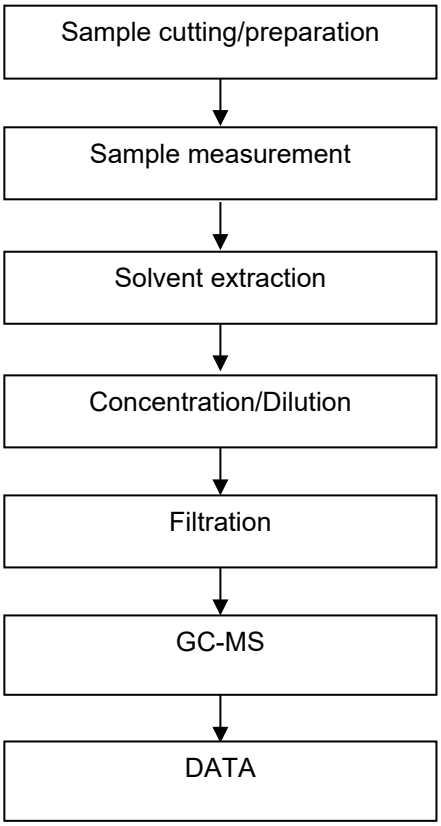


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. Chemical Laboratory
3rd Building,No.889 Yishan Road Xuhui District,Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233
t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21)61156899 sgs.china@sgs.com

ATTACHMENTS

Phthalates Testing Flow Chart



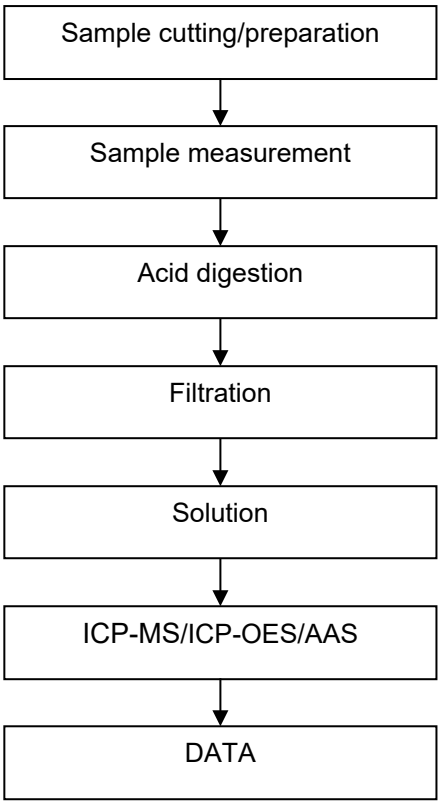
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. Chemical Laboratory
3rd Building,No.889 Yishan Road Xuhui District,Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233
t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21)61156899 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

ATTACHMENTS

Elements Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. Chemical Laboratory
3rd Building,No.889 Yishan Road Xuhui District,Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233
t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21)61156899 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Sample Photo:



SHA25-0164434-0001.C007

SGS authenticate the photo on original report only

*** End of Report ***

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. Chemical Laboratory
3rd Building,No.889 Yishan Road Xuhui District,Shanghai China 200233
中国·上海·徐汇区宜山路889号3号楼 邮编: 200233
t E&E (86-21) 61402553 f E&E (86-21)64953679 www.sgsgroup.com.cn
t HL (86-21) 61402594 f HL (86-21)61156899 sgs.china@sgs.com

检测报告
Test Report

报告编号 A2250431426101001E
Report No. A2250431426101001E

报告抬头公司名称 安徽翊昇表面处理科技有限公司
Company Name shown on Report ANHUI YISHENG SURFACE TREATMENT TECHNOLOGY CO.LTD
地 址 安徽省池州市贵池区皖江西路7号3号厂房
Address BUILDING 3, NO. 7 WANJIANG WEST ROAD, GUICHI DISTRICT, CHIZHOU CITY, ANHUI PROVINCE

以下测试之样品及样品信息由申请者提供并确认
The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

样品名称	镀层镍
Sample Name	Nickel coating
样品型号	批量样品
Model No.	Batch samples
样品颜色	本色
Color	Natural color
材料名称	镀层镍
Material	Nickel coating
样品接收日期	2025.06.20
Sample Received Date	Jun. 20, 2025
样品检测日期	2025.06.20-2025.07.02
Testing Period	Jun. 20, 2025 to Jul. 2, 2025

检测要求 根据客户要求，对所提交样品中的铅(Pb)，镉(Cd)，汞(Hg)，六价铬(Cr(VI))，多溴联苯(PBBs)，多溴二苯醚(PBDEs)，邻苯二甲酸酯(DBP, BBP, DEHP, DIBP)，钴(Co)，铍(Be)，锑(Sb)，氟(F)，氯(Cl)，溴(Br)，碘(I)，全氟辛酸(PFOA)，全氟辛烷磺酸(PFOS)进行测试。

Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP), Cobalt(Co), Beryllium(Be), Antimony(Sb), Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I), Perfluorooctanoic Acid(PFOA), Perfluorooctane Sulfonates(PFOS) in the submitted sample(s).

检测依据/检测结果 请参见下页。
Test Method/Test Result(s) Please refer to the following page(s).

批准
Approved by

陈凯敏
实验室经理 Lab Manager

日 期
Date 2025.07.02

No. R188381286

上海华测品标检测技术有限公司
Centre Testing International Pinbiao(Shanghai) Co., Ltd.
上海市闵行区万芳路1351号
No.1351, Wanfang Road, Minhang District, Shanghai, China

检测报告
Test Report

检测依据 Test Method

测试项目 Test Item(s)	测试方法 Test Method	测试仪器 Measured Equipment(s)
铅 Lead (Pb)	参考IEC 62321-5:2013 Refer to IEC 62321-5:2013	ICP-OES
镉 Cadmium (Cd)	参考IEC 62321-5:2013 Refer to IEC 62321-5:2013	ICP-OES
汞 Mercury (Hg)	参考IEC 62321-4:2013+AMD1:2017 CSV Refer to IEC 62321-4:2013+AMD1:2017 CSV	ICP-OES
六价铬 Hexavalent Chromium (Cr(VI))	IEC 62321-7-1:2015	UV-Vis
多溴联苯 Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015	GC-MS
邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)	IEC 62321-8:2017	GC-MS
钴 Cobalt(Co)	参考US EPA 3050B:1996 & US EPA 6010D:2018* Refer to US EPA 3050B:1996 & US EPA 6010D:2018*	ICP-OES
铍 Beryllium(Be)	参考US EPA 3050B:1996 & US EPA 6010D:2018* Refer to US EPA 3050B:1996 & US EPA 6010D:2018*	ICP-OES
锑 Antimony(Sb)	参考US EPA 3050B:1996 & US EPA 6010D:2018* Refer to US EPA 3050B:1996 & US EPA 6010D:2018*	ICP-OES
氟 Fluorine (F)	参考EN 14582:2016* Refer to EN 14582:2016*	IC
氯 Chlorine (Cl)	参考EN 14582:2016* Refer to EN 14582:2016*	IC
溴 Bromine (Br)	参考EN 14582:2016* Refer to EN 14582:2016*	IC
碘 Iodine (I)	参考EN 14582:2016* Refer to EN 14582:2016*	IC
全氟辛酸 Perfluorooctanoic Acid(PFOA)	EN 17681-1:2022*	LC-MS-MS
全氟辛烷磺酸 Perfluorooctane Sulfonates(PFOS)	EN 17681-1:2022*	LC-MS-MS

检测报告
Test Report

检测结果 Test Result(s)

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
铅 Lead (Pb)	N.D.	2 mg/kg
镉 Cadmium (Cd)	N.D.	2 mg/kg
汞 Mercury (Hg)	N.D.	2 mg/kg
六价铬 Hexavalent Chromium (Cr(VI))	N.D. ▼	0.10 μg/cm² (LOQ)

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
多溴联苯 Polybrominated Biphenyls (PBBs)		
一溴联苯 Monobromobiphenyl	N.D.	5 mg/kg
二溴联苯 Dibromobiphenyl	N.D.	5 mg/kg
三溴联苯 Tribromobiphenyl	N.D.	5 mg/kg
四溴联苯 Tetrabromobiphenyl	N.D.	5 mg/kg
五溴联苯 Pentabromobiphenyl	N.D.	5 mg/kg
六溴联苯 Hexabromobiphenyl	N.D.	5 mg/kg
七溴联苯 Heptabromobiphenyl	N.D.	5 mg/kg
八溴联苯 Octabromobiphenyl	N.D.	5 mg/kg
九溴联苯 Nonabromobiphenyl	N.D.	5 mg/kg
十溴联苯 Decabromobiphenyl	N.D.	5 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
多溴二苯醚 Polybrominated Diphenyl Ethers (PBDEs)		
一溴二苯醚 Monobromodiphenyl ether	N.D.	5 mg/kg
二溴二苯醚 Dibromodiphenyl ether	N.D.	5 mg/kg
三溴二苯醚 Tribromodiphenyl ether	N.D.	5 mg/kg
四溴二苯醚 Tetrabromodiphenyl ether	N.D.	5 mg/kg
五溴二苯醚 Pentabromodiphenyl ether	N.D.	5 mg/kg
六溴二苯醚 Hexabromodiphenyl ether	N.D.	5 mg/kg
七溴二苯醚 Heptabromodiphenyl ether	N.D.	5 mg/kg
八溴二苯醚 Octabromodiphenyl ether	N.D.	5 mg/kg
九溴二苯醚 Nonabromodiphenyl ether	N.D.	5 mg/kg
十溴二苯醚 Decabromodiphenyl ether	N.D.	5 mg/kg

检测报告
Test Report

检测结果 Test Result(s)

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
邻苯二甲酸酯 Phthalates (DBP, BBP, DEHP, DIBP)		
邻苯二甲酸二丁酯 Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg
邻苯二甲酸丁基苄基酯 Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg
邻苯二甲酸二(2-乙基)己酯 Di-(2-ethylhexyl phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg
邻苯二甲酸二异丁酯 Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
钴 Cobalt (Co)	N.D.	2 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
铍 Beryllium (Be)	N.D.	10 mg/kg
锑 Antimony (Sb)	N.D.	10 mg/kg

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
氟 Fluorine (F)	N.D.	1 μg/cm ²
氯 Chlorine (Cl)	N.D.	1 μg/cm ²
溴 Bromine (Br)	N.D.	1 μg/cm ²
碘 Iodine (I)	N.D.	1 μg/cm ²

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
全氟辛酸 Perfluorooctanoic Acid (PFOA)	N.D.	0.5 μg/m²

测试项目 Tested Item(s)	结果 Result	方法检出限 MDL
	001	
全氟辛烷磺酸 Perfluorooctane Sulfonates (PFOS)	N.D.	0.5 μg/m²

检测报告
Test Report

样品/部位描述 Sample/Part Description

序号 No.	CTI样品ID CTI Sample ID	描述 Description
1	001	银色镀层 Silvery plating

备注: **对于检测铅，镉，汞，钴，铍，锑之样品已消解完全。**

-N.D. = 未检出 (小于方法检出限或定量限)

-mg/kg = ppm = 百万分之一

-LOQ = 定量限，六价铬的定量限为0.10 μg/cm²

-▼六价铬浓度小于0.10 μg/cm²，样品未检出六价铬。由于未获知样品的存储条件和生产日期，样品的六价铬测试结果仅能代表测试时样品含六价铬的状态。

Remark: **The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury, Cobalt, Beryllium, Antimony.**

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL or LOQ)

-mg/kg = ppm = parts per million

-LOQ = Limit of Quantification, The LOQ of Hexavalent chromium is 0.10 μg/cm²

-▼ The sample is negative for Cr(VI) − The Cr(VI) concentration is below 0.10 μg/cm²; The coating is considered a non-Cr(VI) based coating. Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

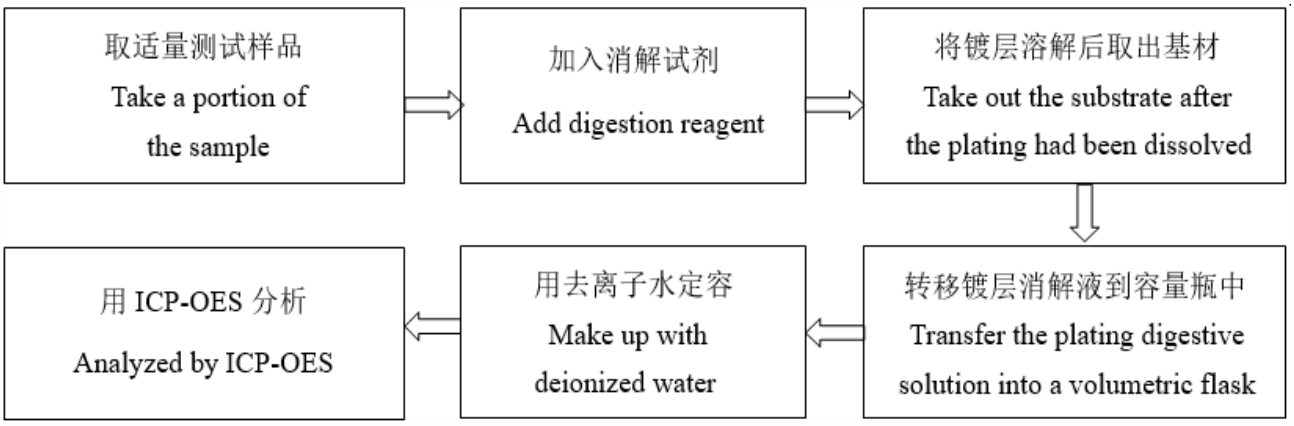
注释: **本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。**
“*”表示该方法不在CNAS认可范围内。

Note: **The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.**
“*”indicates the method(s) is (are) not in CNAS accreditation scope.

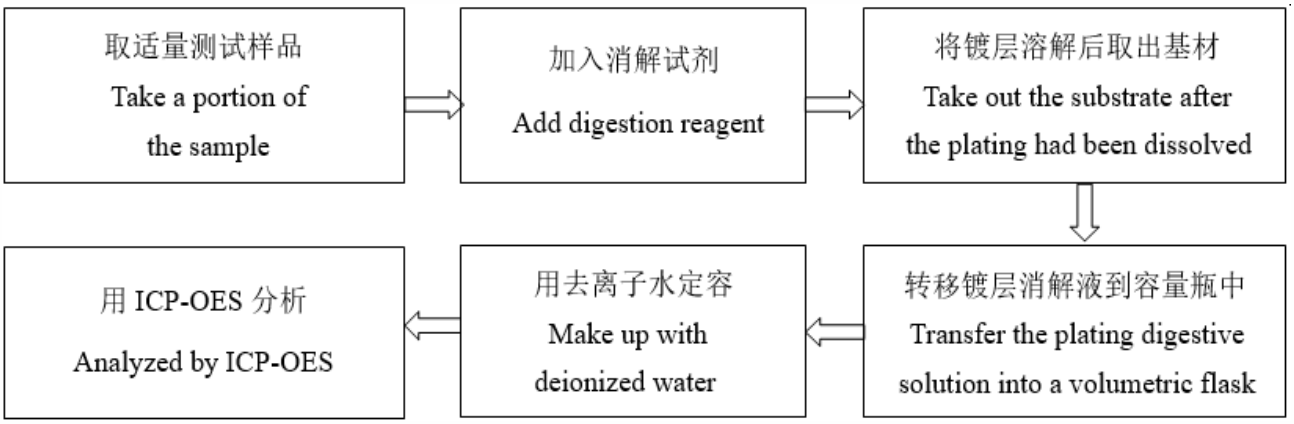
检测报告
Test Report

检测流程 Test Process

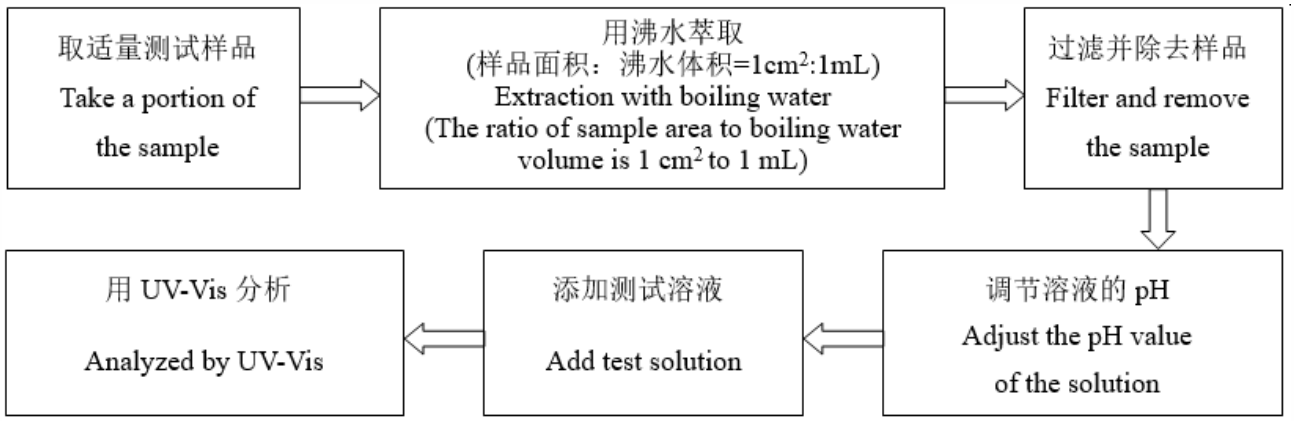
1. 铅(Pb)， 镉(Cd)
Lead (Pb), Cadmium (Cd)



2. 汞(Hg)
Mercury (Hg)

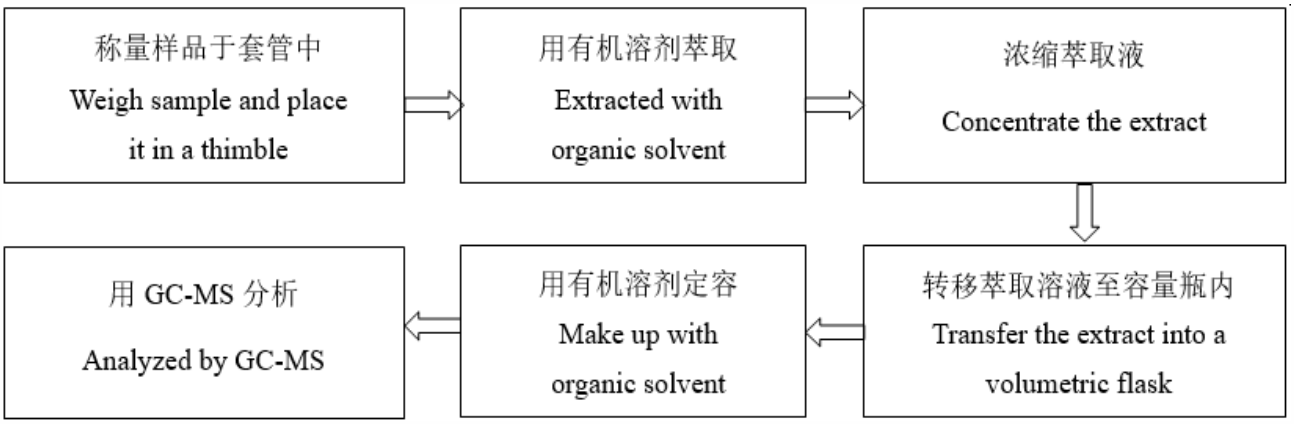


3. 六价铬(Cr(VI))
Hexavalent Chromium (Cr(VI))



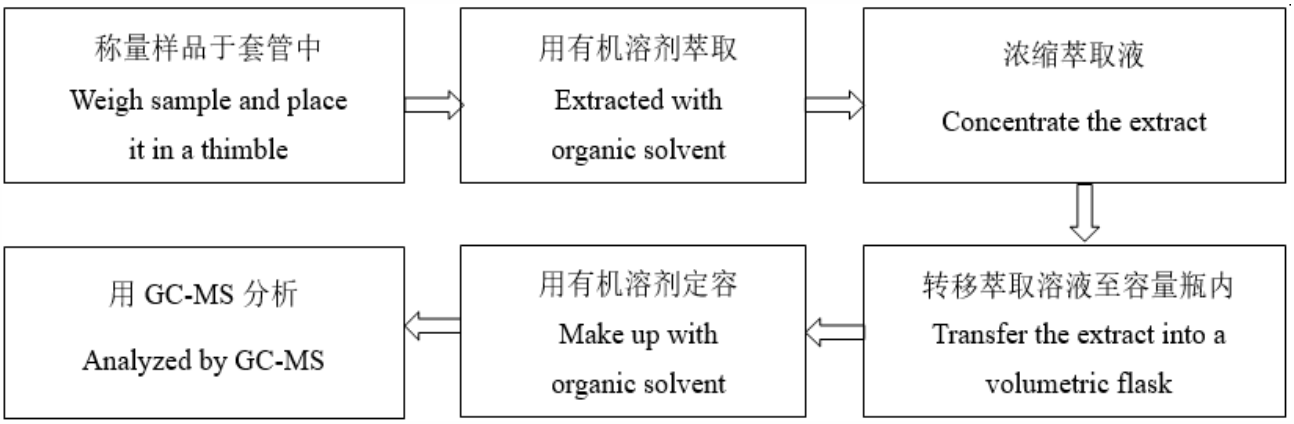
4. 多溴联苯(PBBs)， 多溴二苯醚(PBDEs)

Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



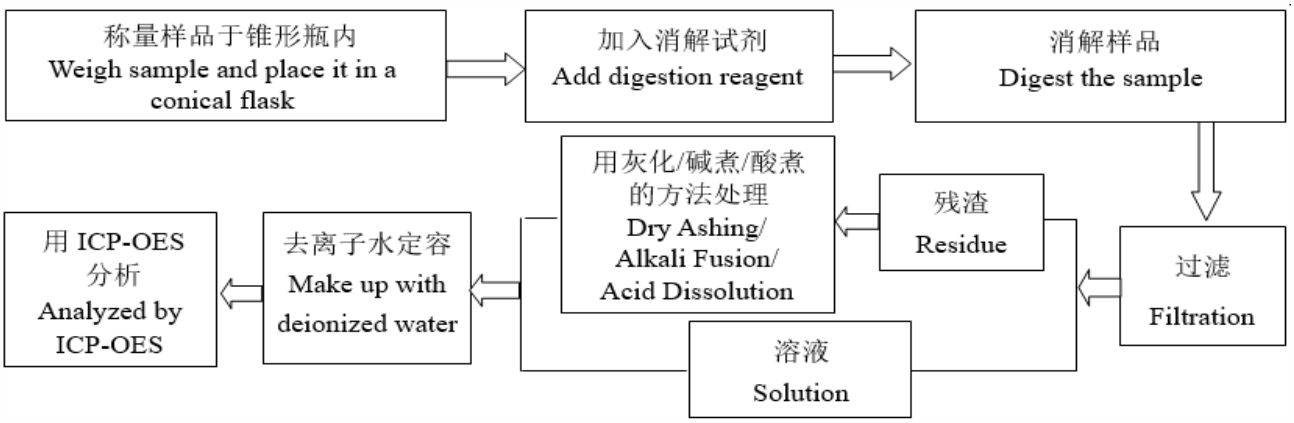
5. 邻苯二甲酸酯(DBP, BBP, DEHP, DIBP)

Phthalates (DBP, BBP, DEHP, DIBP)



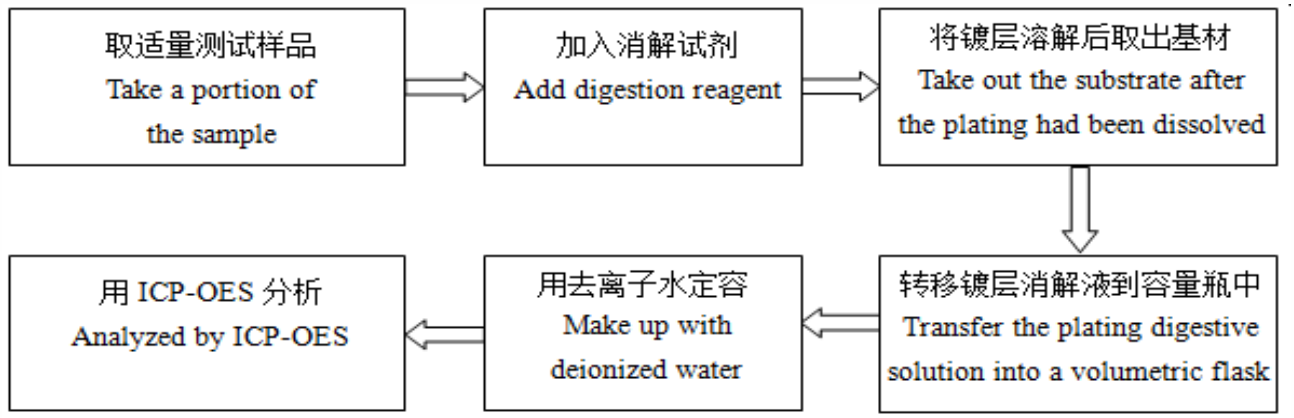
6. 钴(Co)

Cobalt(Co)



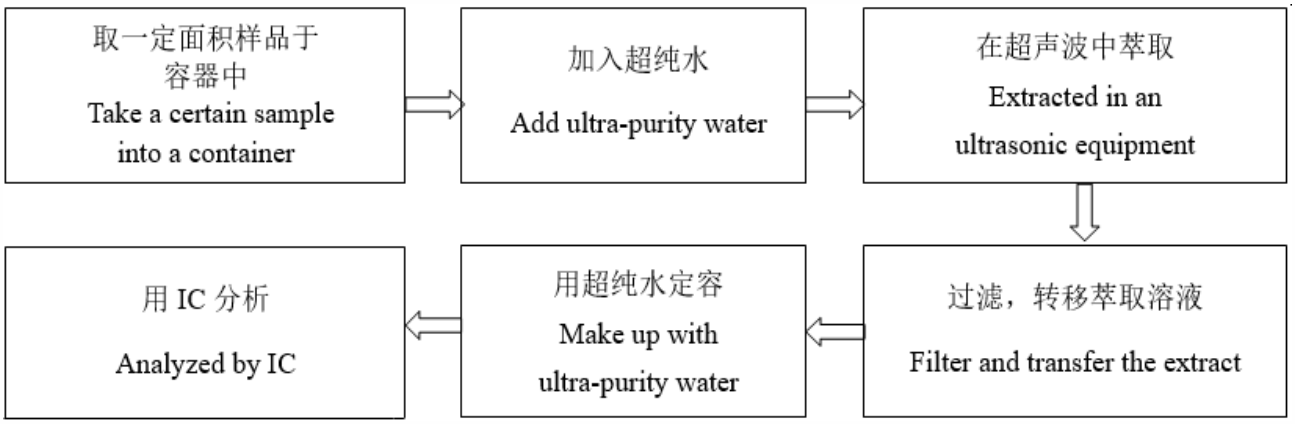
7. 铍(Be)， 锑(Sb)

Beryllium(Be), Antimony(Sb)



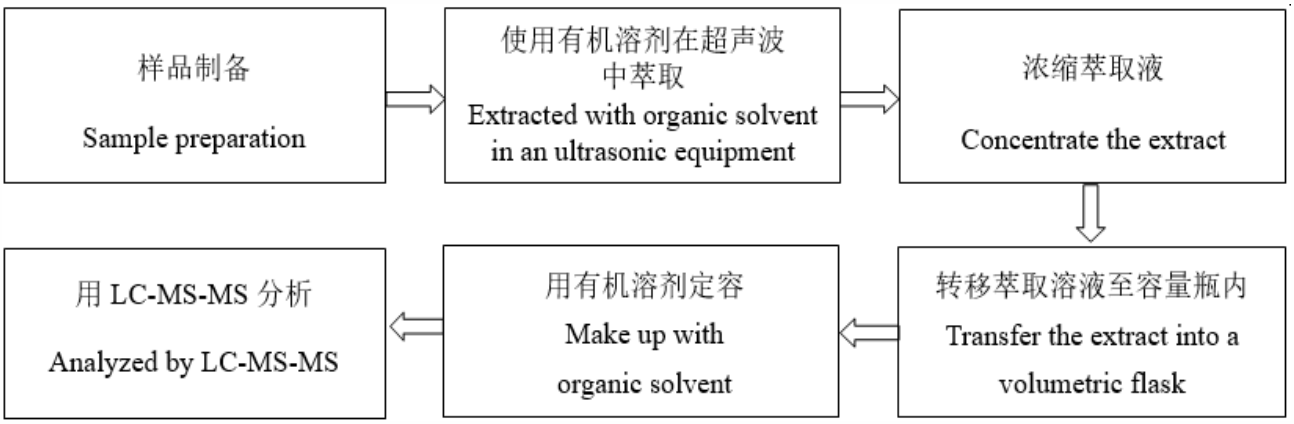
8. 氟(F)， 氯(Cl)， 溴(Br)， 碘(I)

Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I)



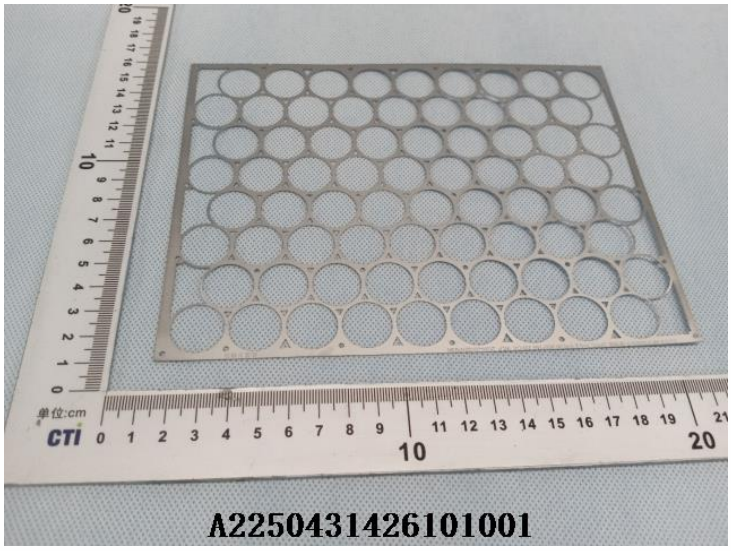
9. 全氟辛酸(PFOA)， 全氟辛烷磺酸(PFOS)

Perfluorooctanoic Acid(PFOA), Perfluorooctane Sulfonates(PFOS)



检测报告
Test Report

样品图片
Photo(s) of the sample(s)



声明Statement：

1. 检测报告无批准人签字、“专用章”及报告骑缝章无效；
   This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. 报告抬头公司名称及地址、样品及样品信息由申请者提供，申请者应对其真实性负责，CTI未核实其真实性；
   The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn’t verified;
3. 本报告检测结果仅对受测样品负责；
   The result(s) shown in this report refer(s) only to the sample(s) tested;
4. 除非另有说明，报告参照ILAC-G8:09/2019 / CNAS-GL015:2022使用简单接受(w=0)二元判定规则进行符合性判定;
   Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. 未经CTI书面同意，不得部分复制本报告；
   Without written approval of CTI, this report can’t be reproduced except in full;
6. 如检测报告中的英文内容与中文内容有差异，以中文为准。
   In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

报告结束

*** End of report ***

REACH高关注物质合格保证书

敝司保证敝司直接或通过第三方向苏州新亚电通股份有限公司提供的所有物料产品(附属物、包装及其它随制品一起提供的所有物品)中所包含的所有物质，符合苏州新亚电通股份有限公司以下所定环境关联物质管控标准，若因违反苏州新亚电通股份有限公司以下环境关联物质管控标准所造成的损失，我司愿意承担因此造成的一切损失。

环境关联物质管控标准：

管控物质名称	允许浓度(ppm)	管控范围	备注
REACH高关注物质	参考SVHC高关注物质清单	所有均质及用途	

备注：此承诺不取代与苏州新亚电通股份有限公司签订的《166-*材料环保证书》。

签 名(Signature)：

日 期(Date)：2024.3.13

公 章(Cachet)：

SUZHOU XINYA ELECTRIC COMMUNICATION CO.,LTD.
苏州新亚电通股份有限公司
3205000117784