





設計驗證
工程課
2026 -07- 16
發行

SPECIFICATION FOR APPROVAL

承認書

客户名称 Customer Name	钰纬科技
产品描述 Description	WIRE VBY1 8P/8P P1.25 150MM
	USB2.0 CABLE TDR: 90±13.5Ω Rise Time:200ps(20%~80%)
客户料号 Customer P/N	3KH00090800(K1203)
新亚料号 Xinya P/N	X24GGW-4330-P
制作 Designed by	杜开龙
审核 Checked by	薛茹
核准 Approved by	孙玉宝

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

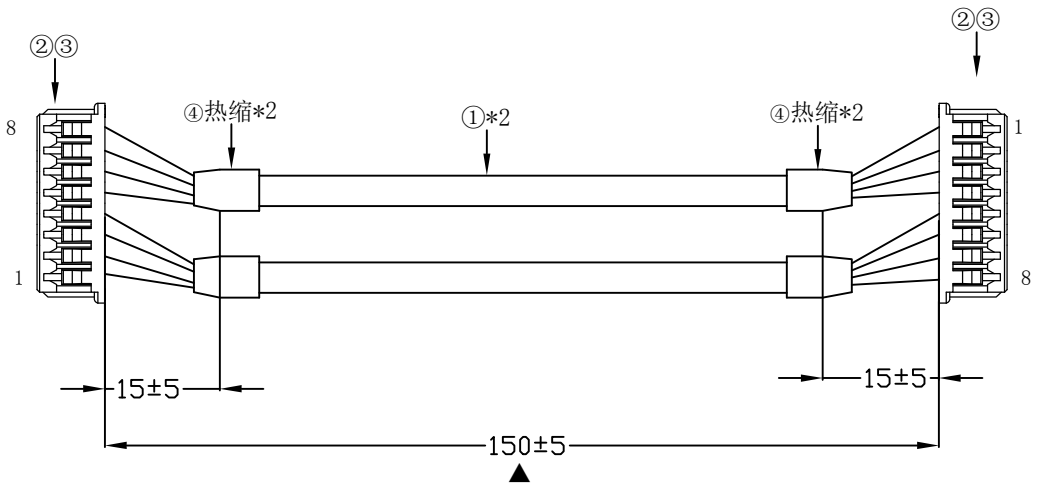
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PLEASE RETURN TO US ONE COPY OF SPECIFICATION FOR APPROVAL WITH YOUR APPROVED SIGNATURES.

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

HARNESS图图号DRAWING NO.	单重：2.07 克	USB2.0 CABLE TDR：90±13.5Ω Rise Time:200ps(20%~80%)
H4330F		

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

套管



A
PITCH 1.25

B
PITCH 1.25

红磷

注：

打▲的为重点检测尺寸

两端外剥后修剪掉编织及铝箔(编织修剪到根部,不可超出外被OD)

A 线规 SPEC.	颜色 COLOR	开线 CUT	A 外剥	B 外剥	A 剥头	B 剥头	B
1	红	158±1	20	20	1.5	1.5	1
2	白 对绞				1.5	1.5	2
3	绿 对绞				1.5	1.5	3
4	黑				1.5	1.5	4
5	红				1.5	1.5	5
6	白 对绞				1.5	1.5	6
7	绿 对绞				1.5	1.5	7
8	黑				1.5	1.5	8

UL2725 28#TS/1P+28#TS/2C+A+B(AM)+D

序号 NO.	料 号 PART NO.	数 量 Q'TY	材 料 MATERIAL	厂商 VENDOR
④	TBUHBI045C-*-HP	4	H.S TUBE:Ø4.5mm 无卤无红磷 COLOR:BLACK L=20mm*4	CHANGYUAN/WOER
③	D1251-08P-*-HF	2	HOUSING: D1251-08P-X-HF	XINYA
②	D1251-TOP.VA-*	16	TERMINAL: D1251-TOP.VA-X	XINYA
①	40T2725-2813Z	2	WIRE:UL2725 28(7/0.127)#TS/1P+28(7/0.127)#TS/2C+A+B(AM)+D OD=3.5mm BLACK VW-1	XINYA/HM

設計驗證 工程課 2026-07-16 發行

3KH00090800(K1203)

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.	X24GGW-4330-P	客户 CUSTOMER	钰纬科技	版本 REV.	1
	张 2025-03-07 拙				X.±0.50	X.°±3°	客户料号 CUTM.NO.	3KH00090800	第1版 (OR.D.)	2025.03.07	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:

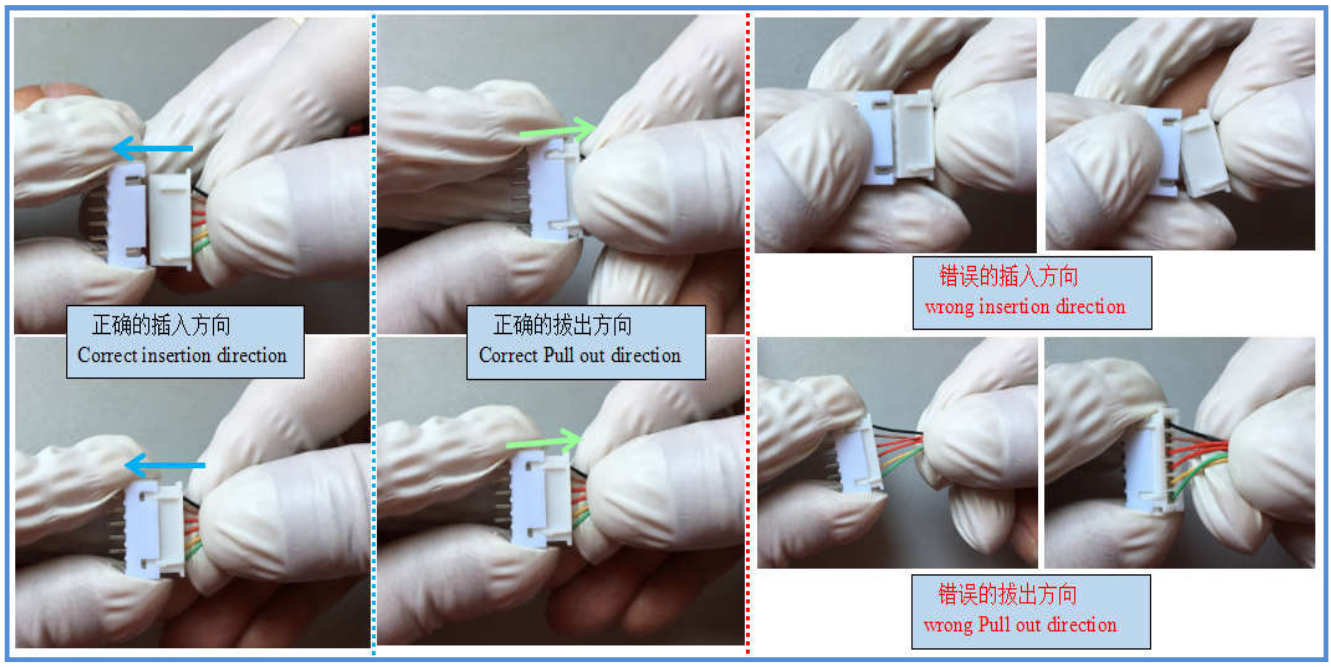
◆普通 LCD 线束/General LCD harness ：

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.



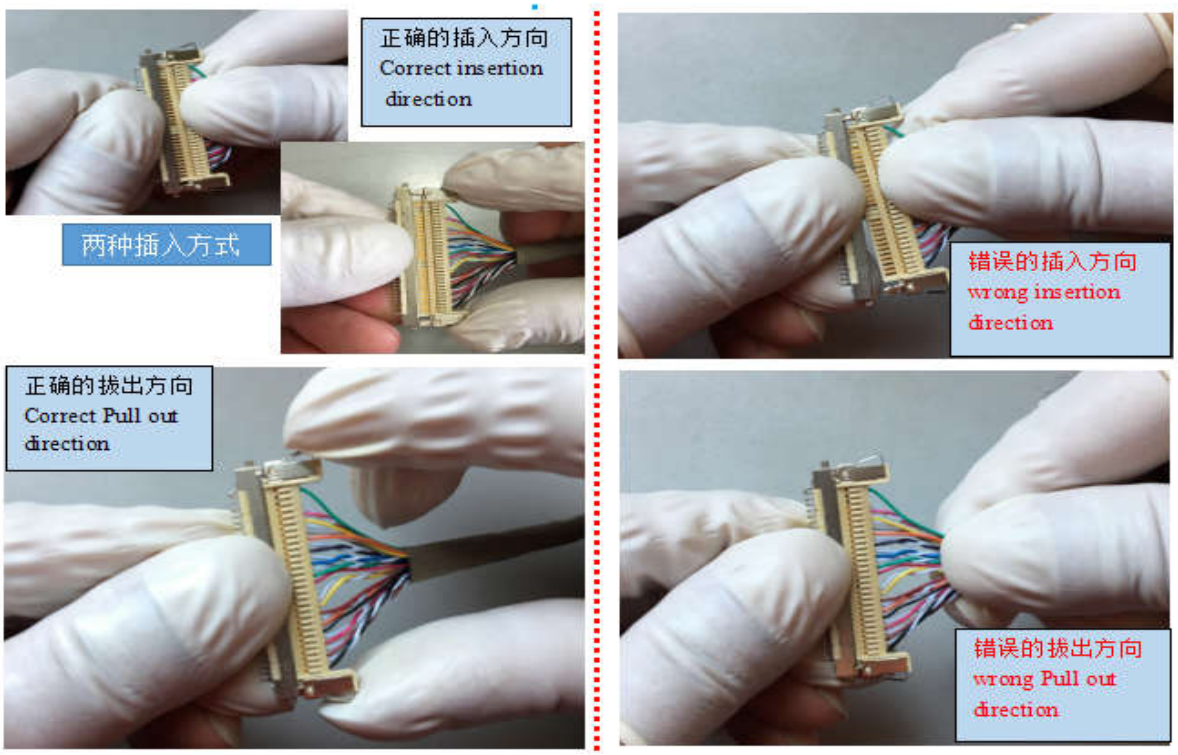
◆LVDS 线束/LVDS harness：

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

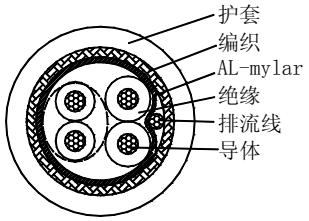
foreign body, Must be to remove dirt exposed conductor clean after to used (removal of foreign matter to follow the direction of the conductor, outward clearance).

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
后留建	赵兵	陈敏娟

规格承认书 Product Specifications

规格SPECIFICATION:		UL2725 28#TS/1P+28#TS/2C+A+D+B(AM)	
项目ITEM		规 格 SPECIFICATION	
导体 CONDUCTOR	线规AWG	28	28
	材质MATERIAL	镀锡铜丝 TINNED COPPER	镀锡铜丝 TINNED COPPER
	尺寸COND.SIZE	7/0.127±0.008	7/0.127±0.008
绝缘 INSULATION	标称厚度 Nominal Thickness	0.21mm	0.21mm
	最小厚度 Min. Thickness	0.09mm	0.09mm
	材质MATERIAL	高密度聚乙烯 HDPE	聚氯乙烯PVC
	OD外径	0.80±0.05mm	0.80±0.05mm
	对绞TWIST	1P	2C
	绞距LAY LENGTH	130～150mm	
	颜色COLOUR	白White,绿Green	黑Black，红Red
铝箔麦拉 AL.MYLAR	包覆OVERLAP	25%MIN	
地线Drain	材质MATERIAL	镀锡铜丝 TINNED COPPER	
	尺寸COND.SIZE	7/0.127±0.008mm	
编织Braid	材质MATERIAL	铝镁合金AM	
	尺寸SIZE	16/4/0.12±0.008mm	
护套JACKET	标称厚度 Nominal Thickness	0.23mm	
	最小厚度	0.18mm	
	材质MATERIAL	聚氯乙烯 PVC	
	OD外径	3.50±0.15	
	颜色COLOUR	黑Black	
Conductor Resistance: Max(Ω/Km,20℃)		239	
印 字 MARKING		AWM 2725 E170689 VW-1 80℃ 30V 28AWG/1P 28AWG/2C XINYA CSA AWM I/II A LL109915 FT1 80℃ 30V XINYA -F- USB 2.0 CABLE	

电气性能ELECTRICAL CHARACTERISTICS	物理性能PHYSICAL CHARACTERISTICS
1. 额定值Rating : 温度TEMP 80℃ ; 电压VOLTAGE 30V 2.特性阻抗Characteristic Impedance:90Ω+10/-13.5Ω 3.浸水耐压Dielectric-Withstand Test:500V 4.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 :  	若贵司加工工艺及性能有特殊要求请予以说明,最好提供样品 If you company has special requirements on processing technology and performance, pls kindly let us know. And if possible, it will be better to provide us with sample.：

备 注 REMARK			
图号 PART NO.	SP1202036	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

UL Product iQ®

Appliance Wiring Material - Component

COMPANY

XINYA ELECTRONIC CO LTD
No.1, Panzhuyang Road
Laizhai Intelligent Industrial Park, Beibaixiang Town
Yueqing, Zhejiang Sheng 325603 China

E170689

Table of Recognized Styles

Single-conductor, thermoplastic insulation							
1007	1275	1430	1631	1792	10125	10362	10974
1010	1283	1431	1637	1867	10183	10368	11027
1015	1316	1452	1640	1887	10231	10369	11028
1028	1330	1500	1671	1901	10241	10466	11079
1032	1331	1517	1672	10002	10267	10501	11193
1056	1332	1533	1674	10059	10269	10584	11303
1061	1333	1569	1685	10064	10272	10588	11304
1095	1346	1571	1691	10070	10279	10602	11469
1107	1347	1589	1726	10071	10297	10800	11625
1108	1354	1617	1728	10086	10316	10913	11627
1185	1365	1618	1745	10097	10335	10918	11722
Multiple-conductor, thermoplastic insulation							
2095	2517	2587	2845	20167	20549	21099	21458
2096	2547	2651	2851	20251	20574	21100	21515
2103	2551	2661	2854	20276	20626	21143	21520
2405	2552	2689	2877	20288	20696	21307	21869
2408	2555	2725	2881	20295	20744	21308	22224
2464	2556	2733	2919	20327	20798	21311	22258
2468	2562	2734	2951	20328	20855	21445	22386
2474	2570	2789	2960	20346	20937	21451	22431
2476	2571	2791	2990	20379	21016	21452	

2501	2586	2835	20080	20464	21088	21455	
Single-conductor, thermoset insulation							
3173	3239	3272	3346	3364	3436	3485	3817
3195	3265	3289	3347	3385	3443	3567	3917
3196	3266	3302	3348	3386	3478	3619	3918
3199	3271	3321	3363	3398	3481	3737	
Multiple-conductor, thermoset insulation							
4411	4413	4478	4523				

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

Last Updated on 2023-06-20

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

核准 APPROVED	审核 CHECKED	制作 DRAWING
WANG	WANG	HUO

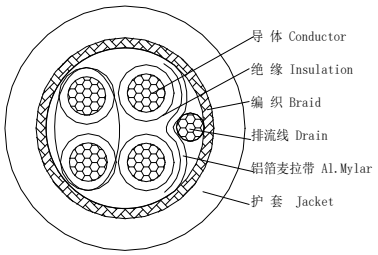
规格承认书 Product Specifications

REV:1.0

规格SPECIFICATION:		UL2725 28#TS/1P+28#TS/2C+A+D+B	
项目ITEM		规 格 SPECIFICATION	
导体 CONDUCTOR	线规AWG	28	28
	材质MATERIAL	镀锡铜丝 TINNED COPPER	镀锡铜丝 TINNED COPPER
	尺寸COND.SIZE	7/0.127±0.009mm	7/0.127±0.009mm
绝缘 INSULATION	标称厚度 Nominal Thickness	0.18mm	0.18mm
	最小厚度 Min. Thickness	0.13mm	0.03mm
	材质MATERIAL	高密度聚乙烯HDPE	半硬质聚氯乙烯SRPVC
	OD外径(mm)	0.80±0.05mm	0.80±0.05mm
	对绞TWIST	1P	2C
	颜色COLOUR	白White&绿Green	红Red，黑Black
铝箔麦拉	包覆OVERLAP	25%MIN	
地线 Drain	材质MATERIAL	镀锡铜丝 TINNED COPPER	
	尺寸COND. SIZE	7/0.127±0.009mm	
编织 Braid	材质MATERIAL	镀锡铜 TINNED COPPER	
	尺寸SIZE	16/6/0.10±0.009mm(≧85%)	
护套 COVERING	标称厚度 Nominal Thickness	0.30mm	
	最小厚度 Min. Thickness	0.23mm	
	材质MATERIAL	聚氯乙烯PVC	
	OD外径(mm)	3.50±0.15	
	颜色COLOUR	黑Black	
Conductor Resistance: Max(Ω/Km,20℃)		239	
印 字 MARKING		AWM 2725 E315421 VW-1 80℃ 30V HONGMENG LM	

电气性能ELECTRICAL CHARACTERISTICS	物理性能PHYSICAL CHARACTERISTICS
1. 额定值Rating : 温度TEMP 80℃ ; 电压VOLTAGE 30V 2. 浸水耐压Dielectric-Withstand Test:500V 3. 火花电压Spark Test:1500V 4. 特性阻抗Characteristic impedance：90±13.5Ω	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 :



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图号 PART NO.	HM2503349	客户承认 APPROVED BY	

UL Product iQ®

Appliance Wiring Material - Component

COMPANY

Kunshan Xinghongmeng Electronic Co Ltd
No. 1118 Jingban Rd
Shipai Industrial Area
Bacheng Town
Kunshan, Jiangsu 215312 China

E315421

Marking: Company name model designation, and the Recognized Component Mark
Note: For additional marking information, refer to the Guide Information Page.

Table of Recognized Styles

Single-Conductor, Thermoplastic Insulation

1007	1015	1017	1028	1032	1061
1095	1185	1330	1331	1332	1333
1354	1430	1500	1516	1517	1533
1569	1571	1589	1617	1618	1637
1640	1672	1674	1685	1692	1729
1731	1745	1766	1847	1867	1927
10002	10064	10070	10086	10097	10231
10241	10248	10267	10269	10272	10316
10322	10362	10368	10369	10370	10455
10456	10584	10588	10602	10708	10800
10954	10958	10974	11098	11136	11150
11207	11530	11602	11627	11828	

Multiple-Conductor, Thermoplastic Insulation

2095	2103	2464	2468	2517	2547
2555	2562	2570	2574	2586	2587
2651	2661	2678	2725	2733	2789
2835	2844	2851	2854	2877	2919

2969	2990	20080	20233	20251	20267
20276	20327	20346	20375	20376	20379
20464	20549	20642	20646	20694	20744
20789	20936	20937	20939	20940	21016
21032	21064	21088	21089	21099	21139
21143	21297	21307	21310	21311	21402
21914	22018	22082	22258		

Single-Conductor, Thermoset Insulation

3173	3265	3266	3271	3272	3289
3302	3321	3347	3348	3363	3364
3385	3386	3398	3443	3485	3567
3619	3656	3666	3781	3817	3994

Multiple-Conductor, Thermoset Insulation

4384	4411	4413	4478

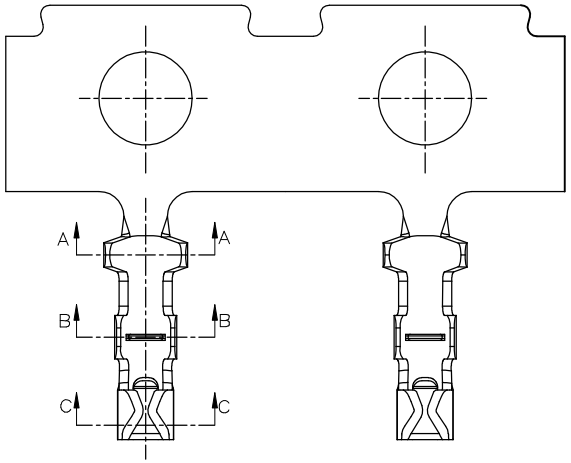
Last Updated on 2025-03-13

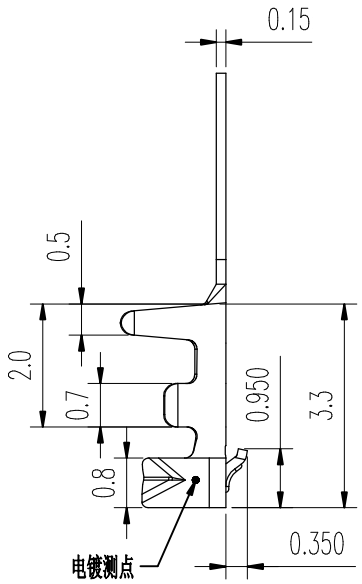
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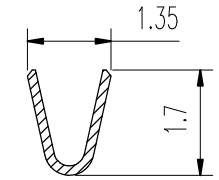
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端子规格图号DRAWING NO.
D1251TOP002S

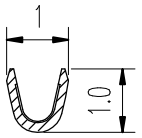
版本 REV.	日期 DATE	DCN NO.	变更内容 DESCRIPTION	制图 DRAWN
B	2015.06.22	2141506005C	增加标注说明	王腾
C	2015.06.22		开口尺寸变更	王腾
D	2024.07.24		修改端子最大铆压线径由1.0mmMax调整为0.9mmMax	范东林



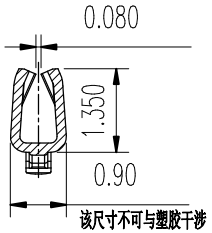




Section A–A



Section B–B



Section C–C

产品编码：

D1251 – T O P . XX – X
① ② ③ ④ ⑤

① Series No.
② T:Terminal
③ O:Standard
④ P:Phosphor Bronze
⑤ Plating Code:

Definition	Code
◎ Tin Plating	A
◎ Gold Flash	B
◎ 3u″ Gold Plating	C
◎ 10u″ Gold Plating	E
◎ 15u″ Gold Plating	F
Prefix "V" means lead free plating	

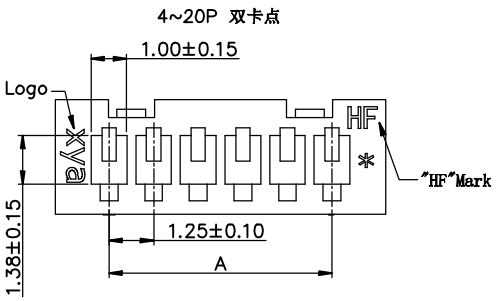
Material Type	Material Thickness	Plating Thickness	Crimped Wire	Insulation O.D.
Phosphor Bronze	0.15mm	Gold or 120μ″ min Tin plated Over 30u″ Min Nickel Plated	AWG28#~32#	0.90mm(max)

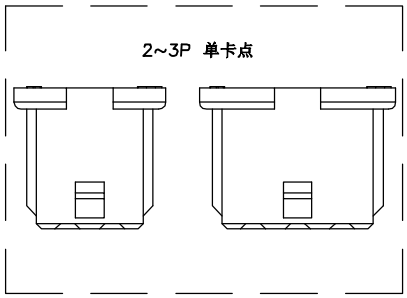
GENERL TOLERANCE		制图 (DR.)	VIC. WONG	料号 PART NO.	D1251-TOP.XX-X	版本 REV.	D	
X.±0.35	X.°±2°	审核 (CHK.)	KNOX. JIN	品名 TITLE	TERMINAL	页次 SHEET	1/1	
.X±0.30	.X°±1°	核准 (APPD.)	KNOX. JIN	客户料号 CUTM.NO.				
.XX±0.20	.XX°±0.5°	第1版 (OR.D.)	2014.11.17	Xinya Electronics 苏州新亚电通有限公司				
.XXX±0.10	.XXX°±0.5°	单位 UNITS	MM	比例 SCALE	1:1	SUZHOU XINYA ELECTRONIC COMMUNICATION Co. LTD.		

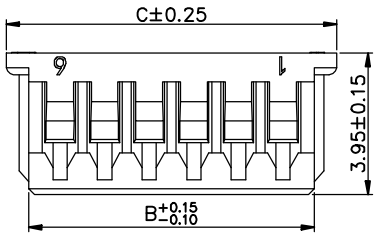
版本 REV.	日期 DATE	DCN NO.	变更内容 DESCRIPTION	制图 DRAWN
B	2025/10/21		将4PIN序号B尺寸变更为5.40+0.15/-0.10	范东林

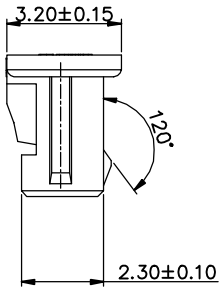
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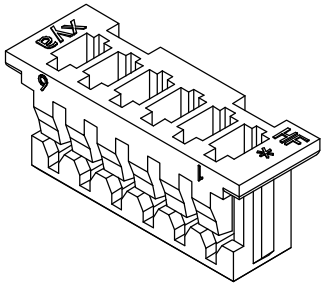
No. of Contacts	DIMENSIONS A	B	C	D
2		2.90	4.25	
3	2.50	4.15	5.50	
4	3.75	5.40	6.75	2.50
5	5.00	6.65	8.00	3.75
6	6.25	7.90	9.25	5.00
7	7.50	9.15	10.50	6.25
8	8.75	10.40	11.75	7.50
9	10.00	11.65	13.00	8.75
10	11.25	12.90	14.25	10.00
11	12.50	14.15	15.50	11.25
12	13.75	15.40	16.75	12.50
13	15.00	16.65	18.00	13.75
14	16.25	17.90	19.25	15.00
15	17.50	19.15	20.50	16.25
16	18.75	20.40	21.75	17.50
17	20.00	21.65	23.00	18.75
18	21.25	22.90	24.25	20.00
19	22.50	24.15	25.50	21.25
20	23.75	25.40	26.75	22.50











3D VIEW

D1251 - XX P - X - HF
① ② ③

① Series No.

② Circuits Number

③ Halogen Free

Specifications:

1. Temperature range: -40℃~85℃
2. Rated voltage: 125V AC/DC
3. Rated current: 1A AC,DC
4. Withstand voltage: 250V/minute
5. Contact Resistance: 20mΩ max
6. Insulation resistance: 100MΩ min
7. Material: PA66 , UL94V-0 . White

GENERL TOLERANCE		制图 (DR.)		料号 PART NO.	D1251-XXP-X-HF	版本 REV.	B
X.±0.30	X.°±2°	审核 (CHK.)		品名 TITLE	P1.25 Housing	页次 SHEET	1/1
.X±0.25	.X°±1°	核准 (APPD.)		客户料号 CUTM.NO.			
.XX±0.15	.XX°±0.5°	第1版 (OR.D.)	2014.11.07				
.XXX±0.08	.XXX°±0.5°	单位 UNITS	MM 比例 SCALE 1:1				

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SUZHOU XINYA ELECTRIC COMMUNICATION Co. LTD.

ECBT2.E216870
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

XINYA ELECTRONIC CO LTD E216870
WENZHOU BRIDGE INDUSTRIAL ZONE
YUEQING, ZHEJIANG 325603 CHINA

Connectors, Cat. Nos. 2361, 3961, 3962 Series.

Cat. No. W2010, followed by -04, -06, -08, -10, -12, -14, -16, -18, -20, -22, -24, -26, -28, -30 or -32; Cat. Nos. W2011, W2415, followed by -02 thru -15; Cat. No. W2015, followed by -02 thru -16; Cat. No. W2411, followed by -02 thru -20; Cat. No. W3511-02; Cat. No. P2404, followed by -02 thru -10, -15, -20, -25 or -30; Cat. Nos. D2001, D2011, followed by -02 thru -16, followed by P; Cat. No. D2006, followed by -06, -08, -10, -12, -14, -16, -18, -20, -22, -24, -26, -28, -30, -32, -34, -36, -38 or -40, followed by P.

Cat. No. D1257, followed by 02 thru 10; Cat. Nos. S1311 and S1315, followed by 02 thru 15; Cat. No. S1312, followed by 10, 20, 30 or 40; Cat. No. W7011, followed by 03A, followed by V01 or blank; Cat. No. W7011, followed by 04A or 05A, followed by V02 or blank.

Cat. No. D1002 followed by -02 thru -10; Cat. No. D1251 followed by -02 thru -15; Cat. No. D2008 followed by -02 thru -16; Cat. No. D2010 followed by -02 thru -15; Cat. No. S1013.

Marking: Company name and catalog designation on device or carton.
Last Updated on 2009-05-19

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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

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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

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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.

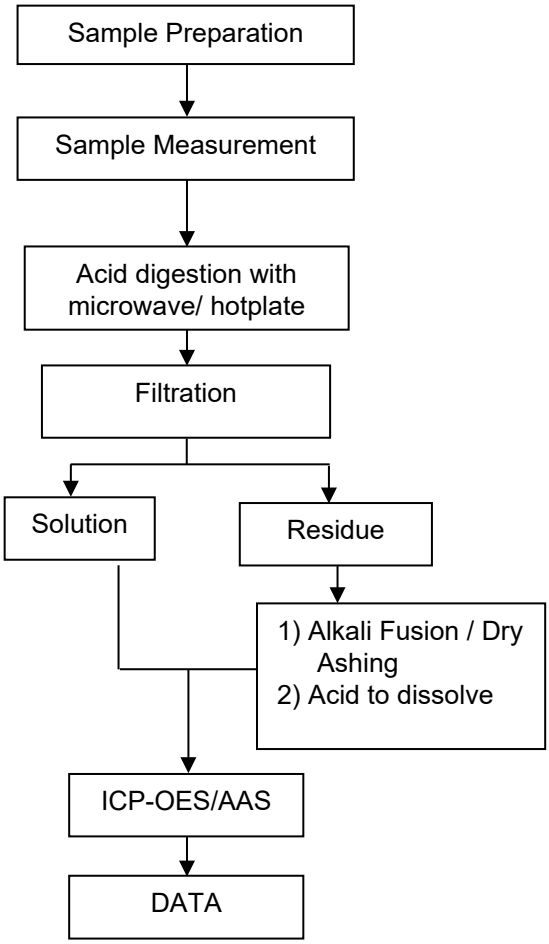
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Elements Testing Flow Chart

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

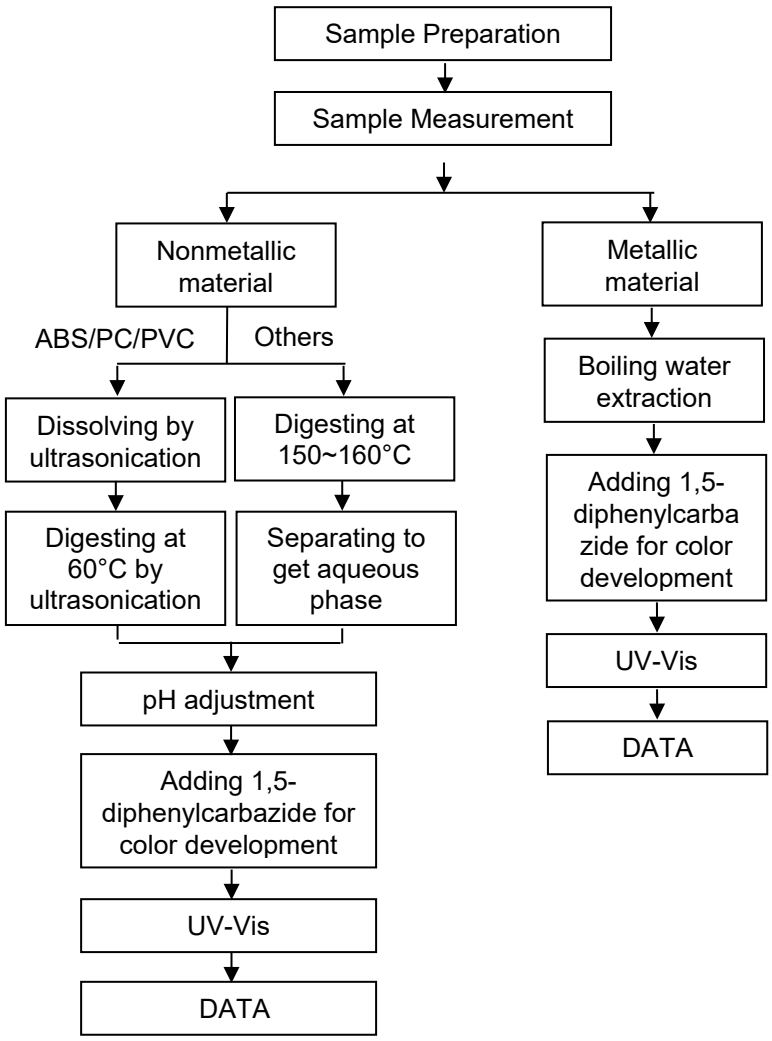


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Hexavalent Chromium (Cr(VI)) Testing Flow Chart

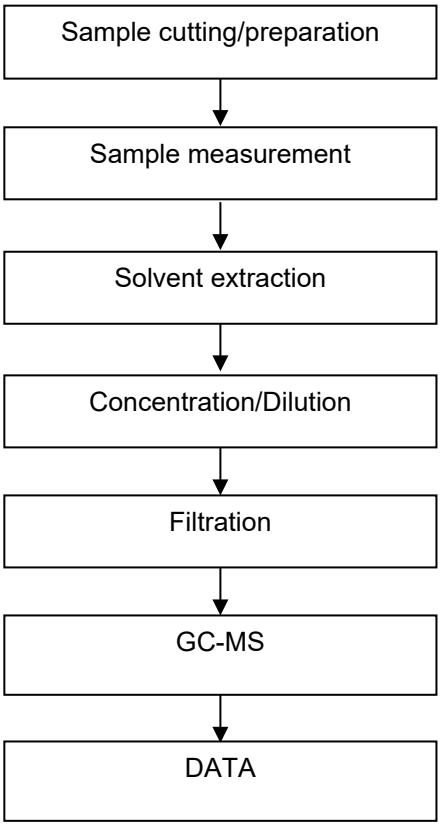


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PBB/PBDE/Phthalates Testing Flow Chart



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Sample Photo:



CAN25-0127897-0001.C003

SGS authenticate the photo on original report only

*** End of Report ***

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Test Report

No.: CANEC25004679113 **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(white)

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

3F582411

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Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A3	CAN25-0046791-0001.C003	White 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

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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.

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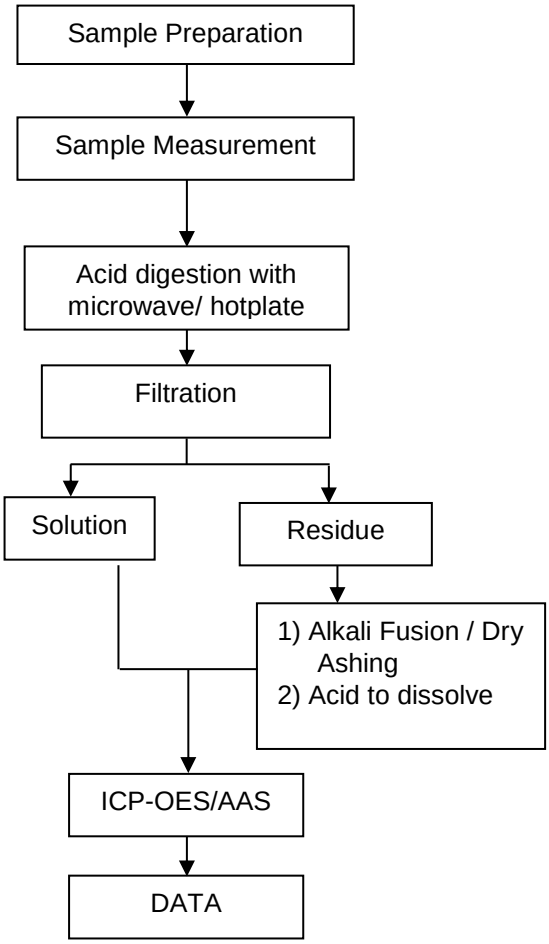
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Elements Testing Flow Chart

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

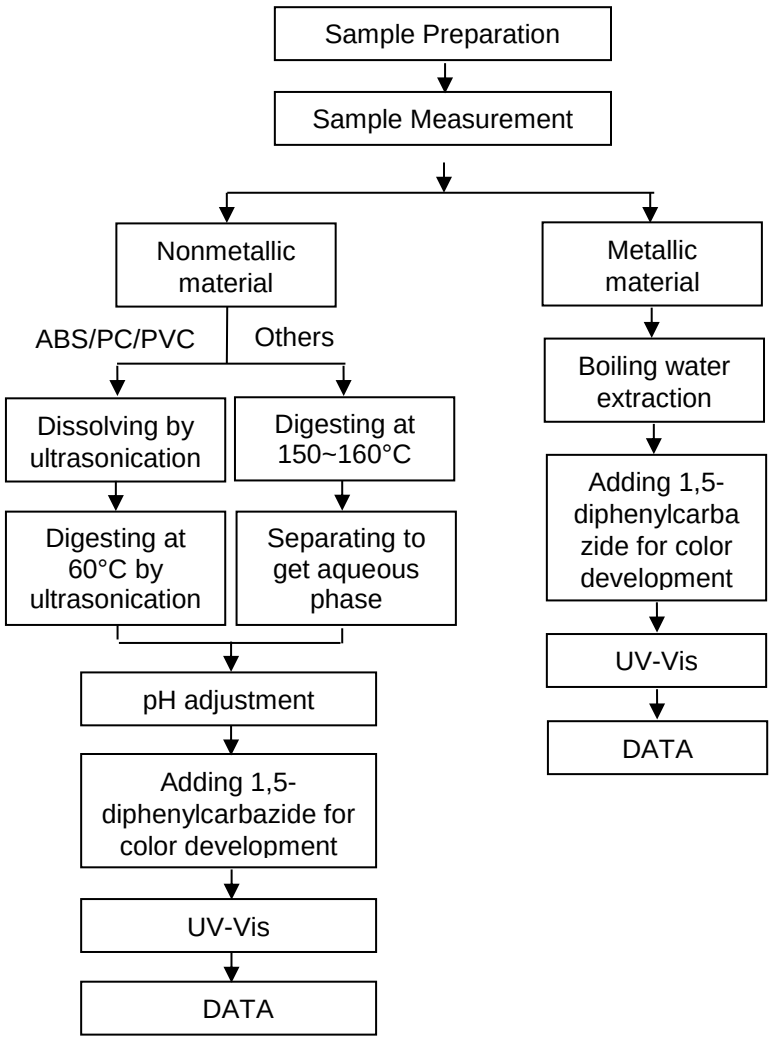


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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



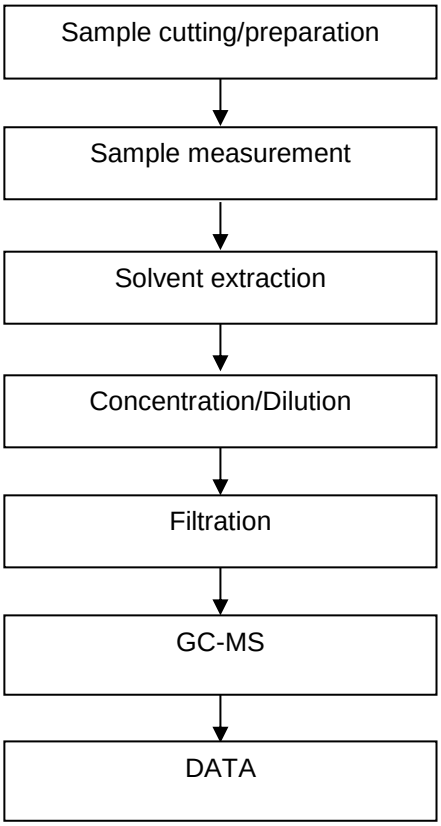
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PBB/PBDE/Phthalates Testing Flow Chart



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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. Technical Laboratory.

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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));

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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));

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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));

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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));
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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));
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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));

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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));
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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));
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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));
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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));
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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,

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Sample Photo:



CAN25-0046791-0001.C003

SGS authenticate the photo on original report only

*** End of Report ***

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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

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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

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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.

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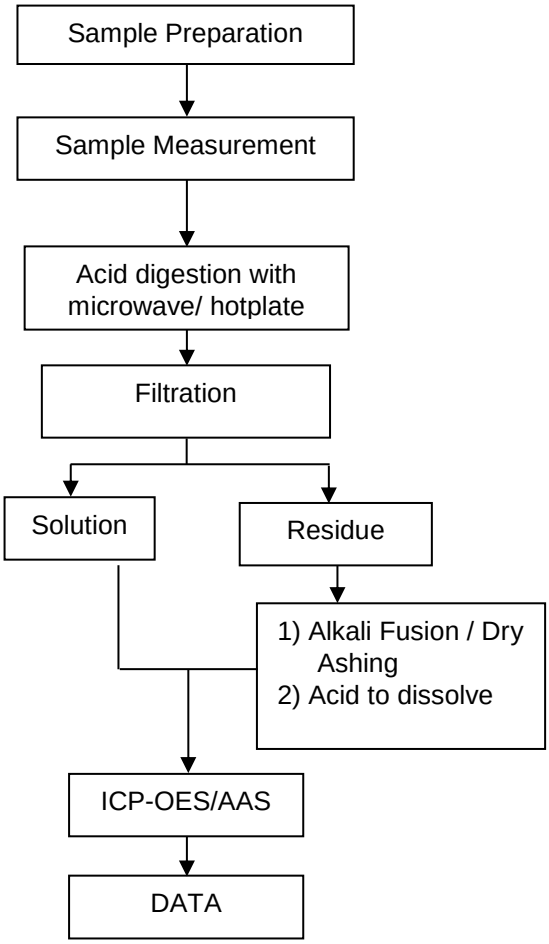
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ATTACHMENTS

Elements Testing Flow Chart

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



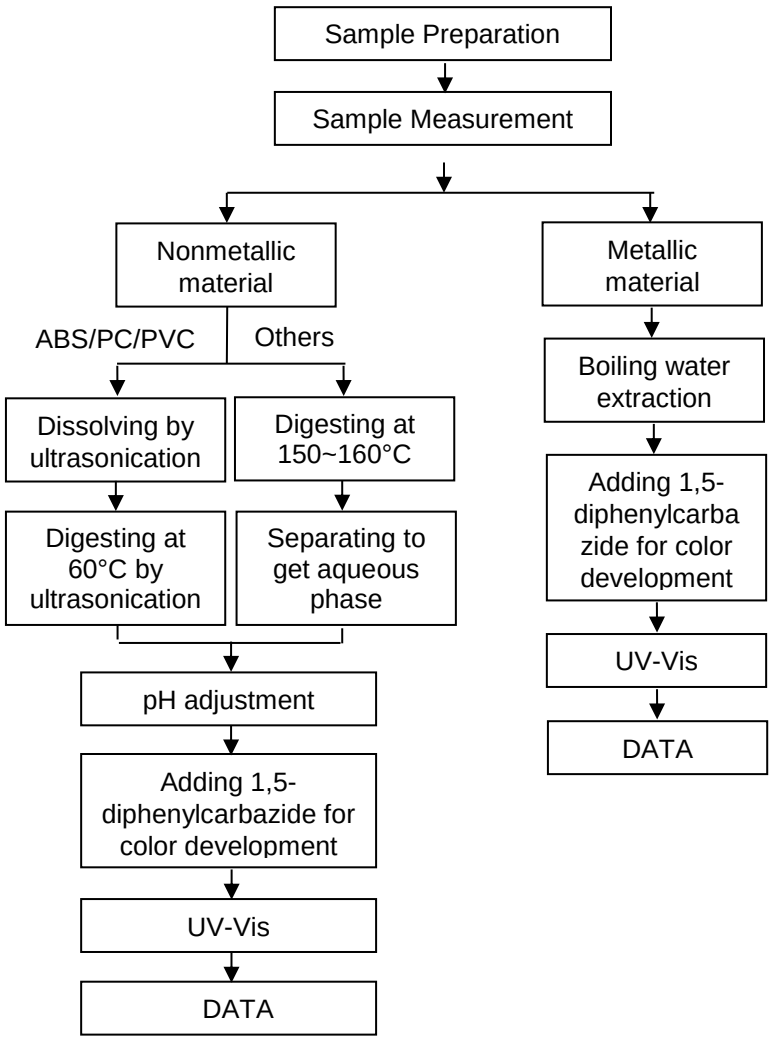
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Hexavalent Chromium (Cr(VI)) Testing Flow Chart

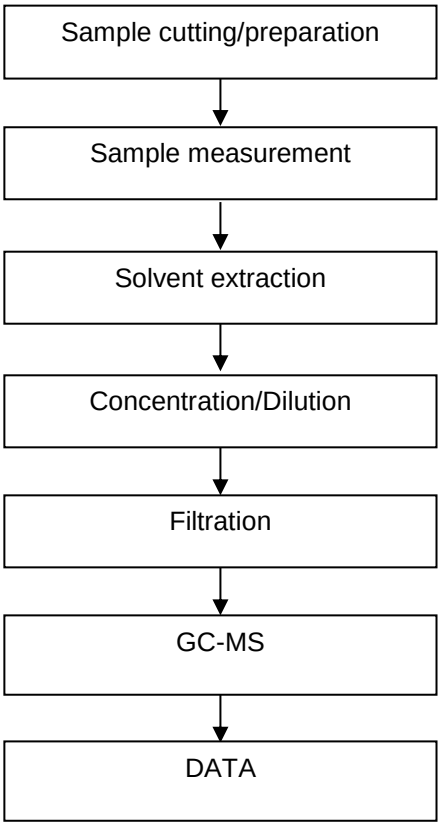


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PBB/PBDE/Phthalates Testing Flow Chart



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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);

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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));

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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));

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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));

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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));

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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,

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Sample Photo:



CAN25-0046931-0001.C003

SGS authenticate the photo on original report only

*** End of Report ***

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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

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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

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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.

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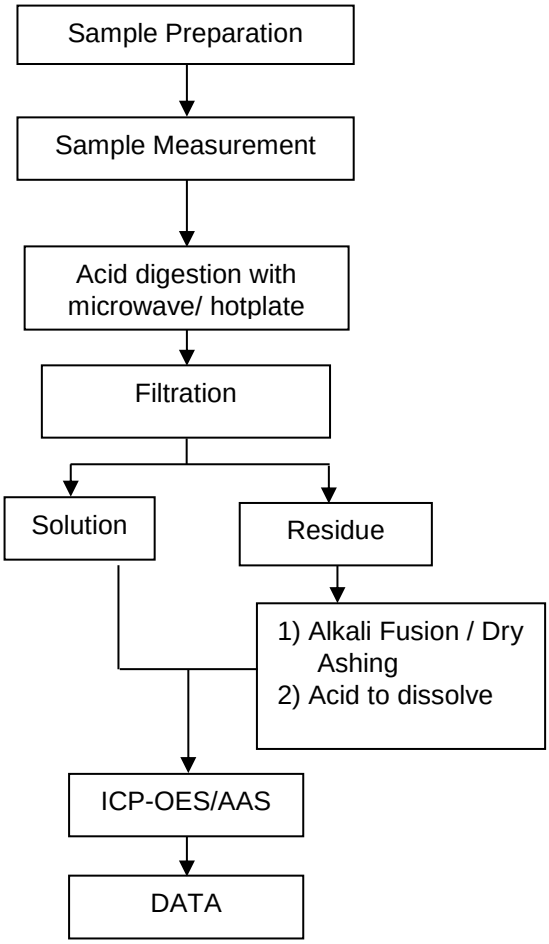
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Elements Testing Flow Chart

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

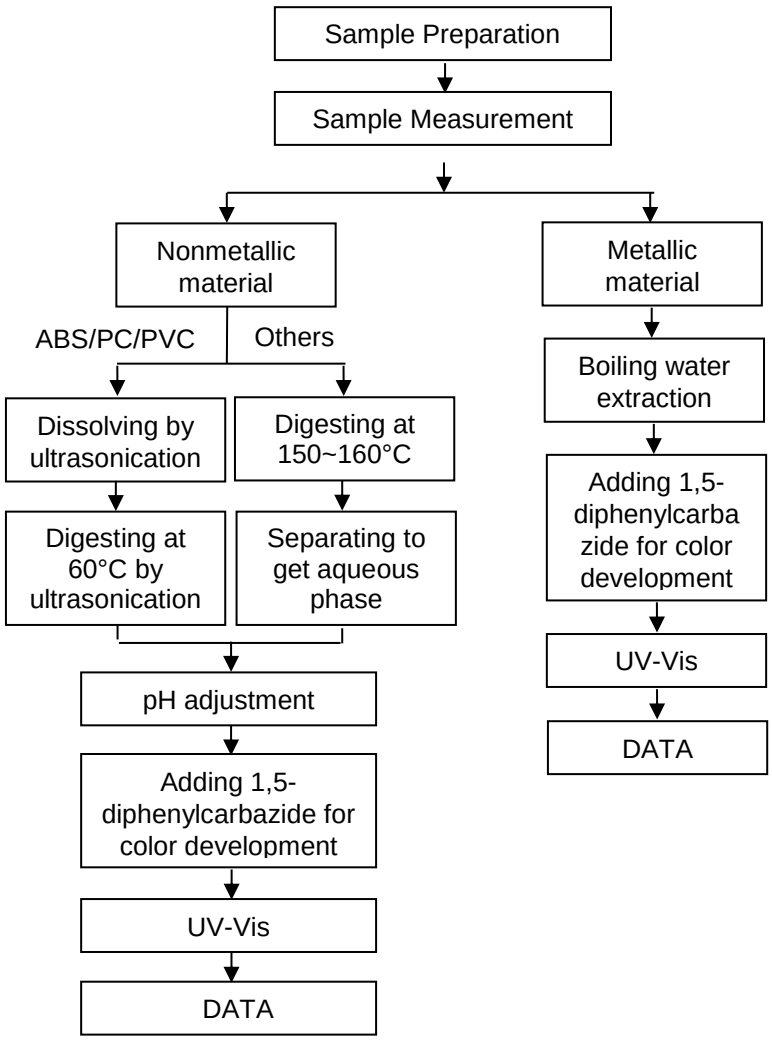


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Hexavalent Chromium (Cr(VI)) Testing Flow Chart

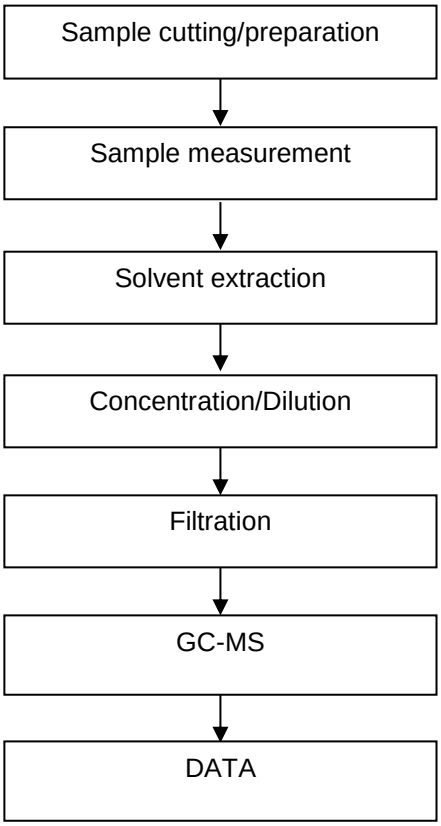


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PBB/PBDE/Phthalates Testing Flow Chart



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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);

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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));

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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));

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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));

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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));

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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,

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Sample Photo:



CAN25-0046931-0001.C005

SGS authenticate the photo on original report only

*** End of Report ***

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Member of the SGS Group (SGS SA)

Test Report

No.: CANEC25004693143 **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(green)

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

88193C54

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Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A8	CAN25-0046931-0001.C008	Green 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	A8
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

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Test Item(s)	Limit	Unit(s)	MDL	A8
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.

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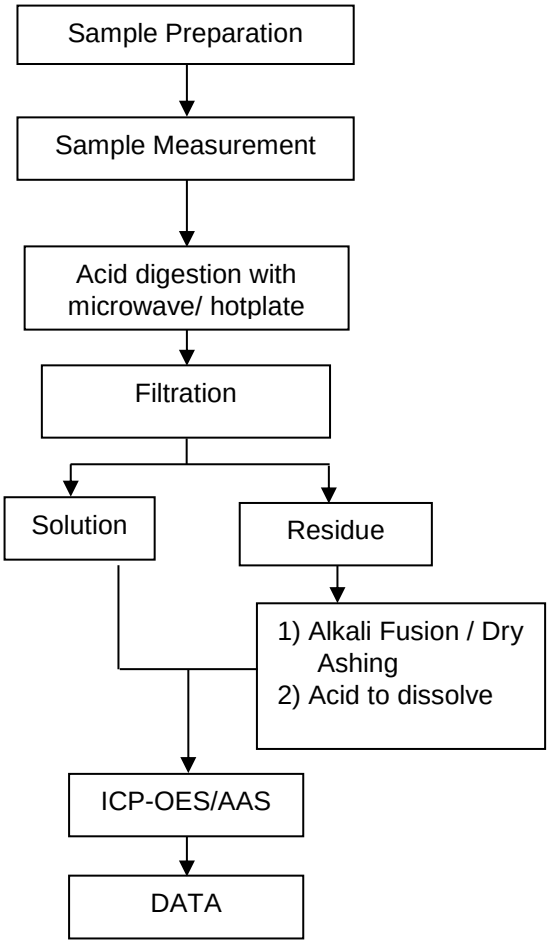
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Elements Testing Flow Chart

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

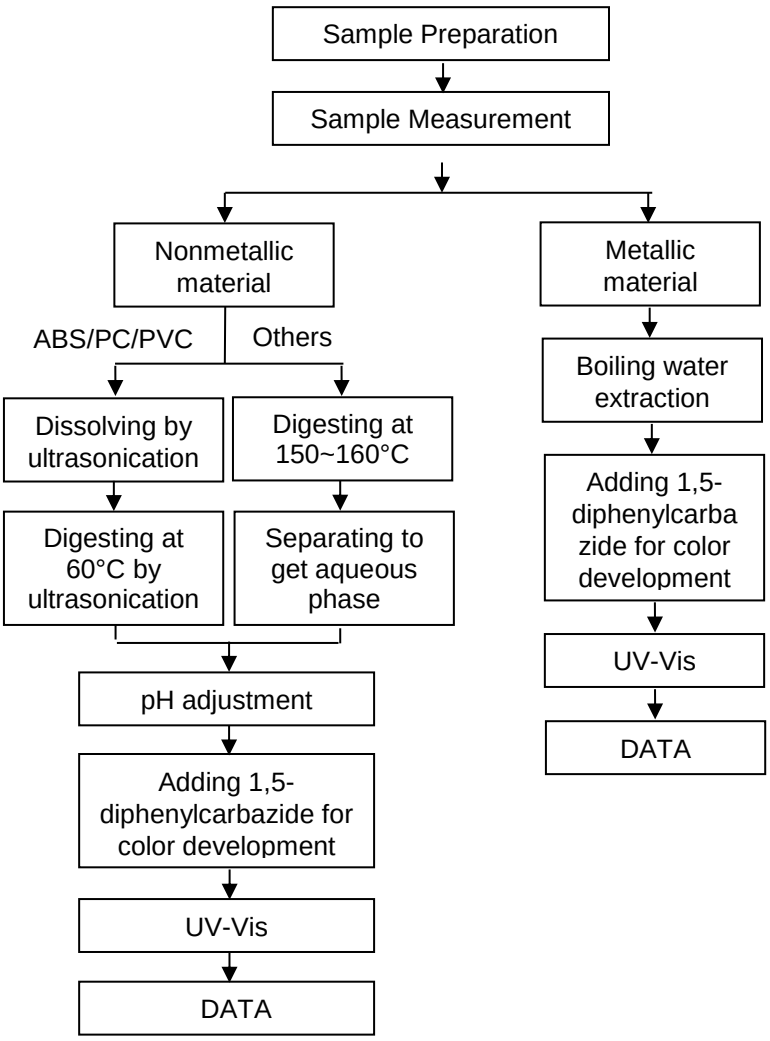


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Hexavalent Chromium (Cr(VI)) Testing Flow Chart

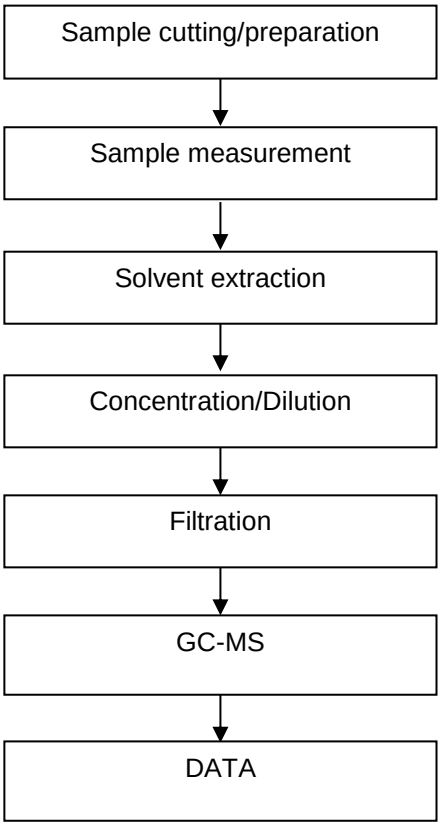


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PBB/PBDE/Phthalates Testing Flow Chart



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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);

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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));

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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));

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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));

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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));

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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,

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Test Report

No.: CANEC25002778909 **Date:** Feb 27, 2025

Client Name: CHANGYUAN ELECTRONICS GROUP CO.,LTD / CHANGYUAN ELECTRONICS（DONGGUAN）CO., LTD / SHANGHAI CHANGYUAN ELECTRONIC MATERIAL CO.,LTD

Client Address: BID#30-4 SCIENCE& TECHNOLOGY INDUSTRY PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE CHINA / BAOPI INDUSTRIAL DISTRICT, FUMIN INDUSTRIAL PARK 2#, DALANG TOWN , DONGGUAN，CHINA / 1690 JAHAO ROAD: NANXIANG TOWN: JIADING DISTRICT: SHANGHAI: CHINA

Sample Name: HEAT SHRINKABLE TUBE(BLACK)

Model No.: CYG-ZHP

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

SGS Job No.: SZP25-005616

Sample Receiving Date: Feb 18, 2025

Testing Period: Feb 18, 2025 ~ Feb 27, 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

Violet Shi
Approved Signatory

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ED6B7C10

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Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN25-0027789-0001.C001	Black tube

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 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1
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))	1000	mg/kg	8	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

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Test Item(s)	Limit	Unit(s)	MDL	A1
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) 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.

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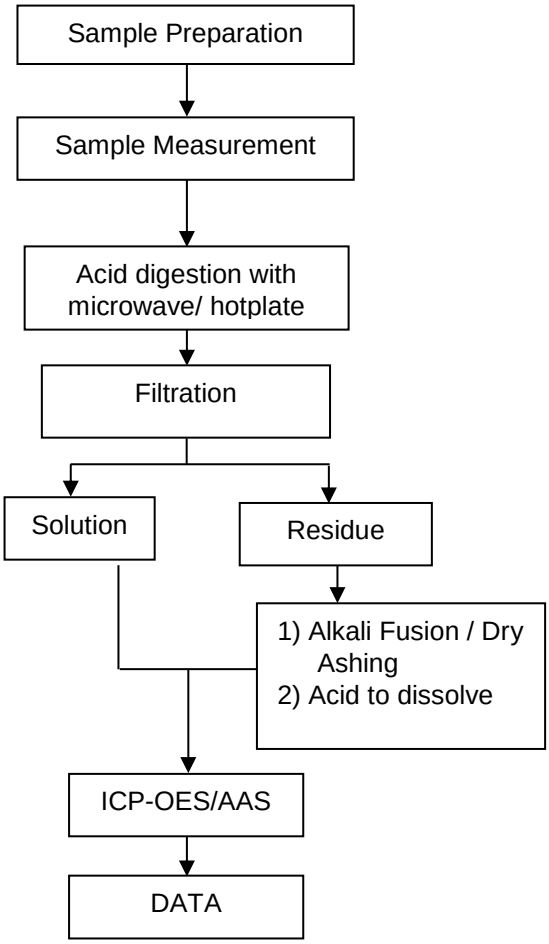
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Elements Testing Flow Chart

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



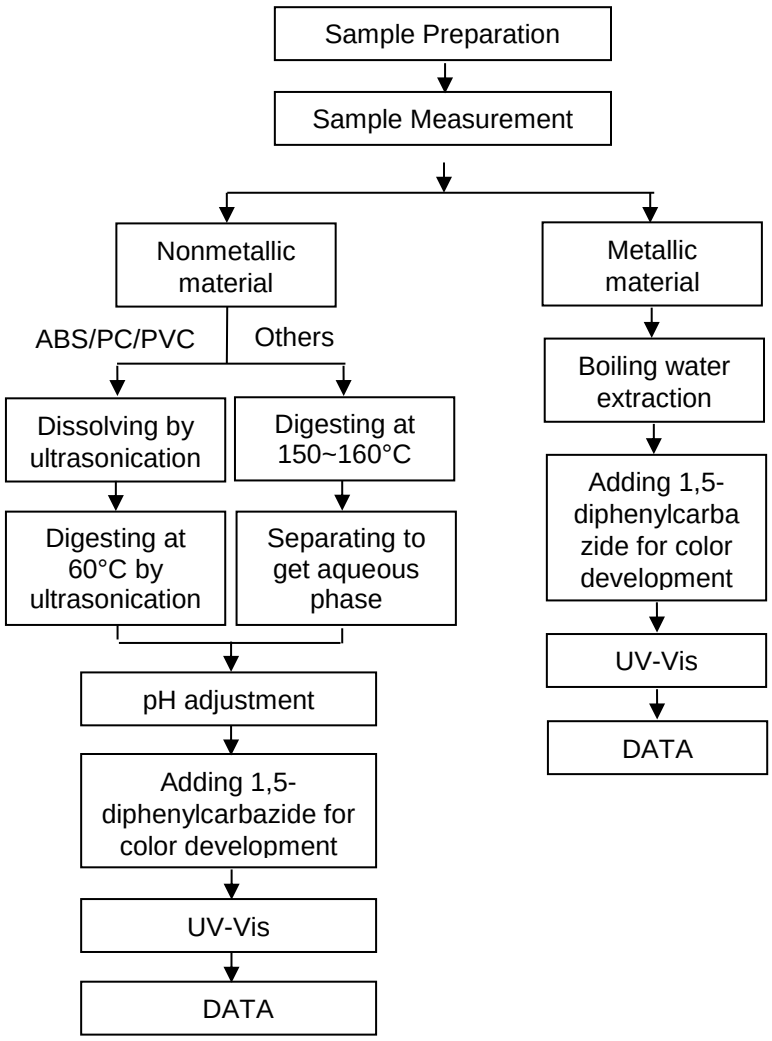
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Hexavalent Chromium (Cr(VI)) Testing Flow Chart

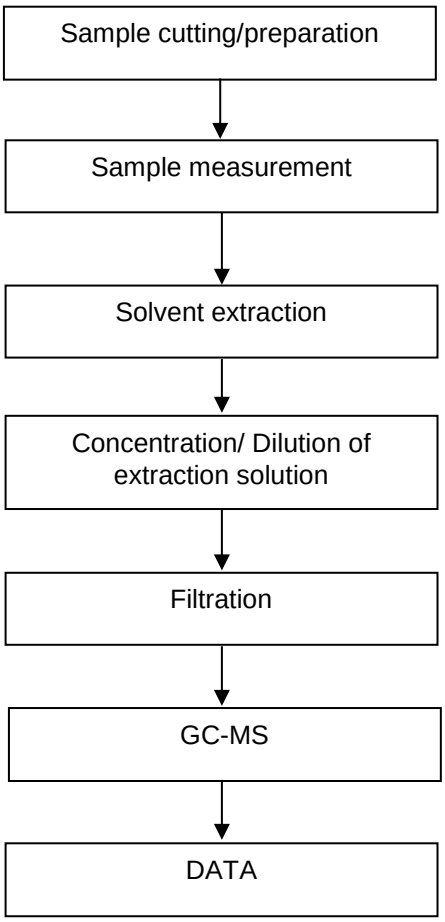


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PBB/PBDE Testing Flow Chart

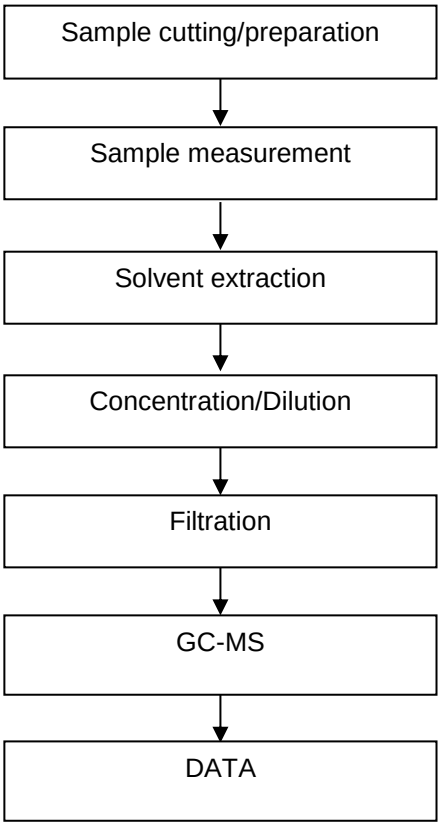


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Phthalates Testing Flow Chart



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Sample Photo:



CAN25-0027789-0001.C001

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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

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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

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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.

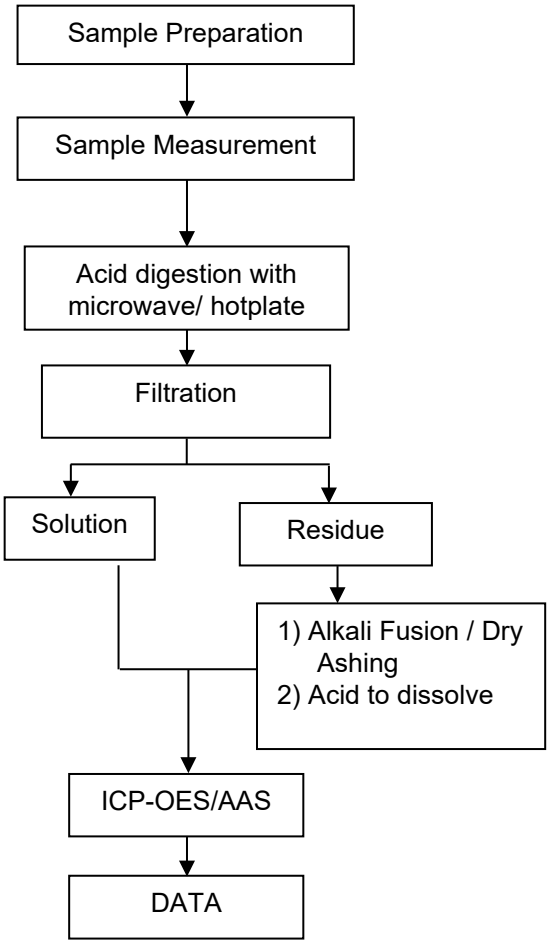
检验检测专用章 Inspection & Testing Services
SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd. Chemical Laboratory

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Elements Testing Flow Chart

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

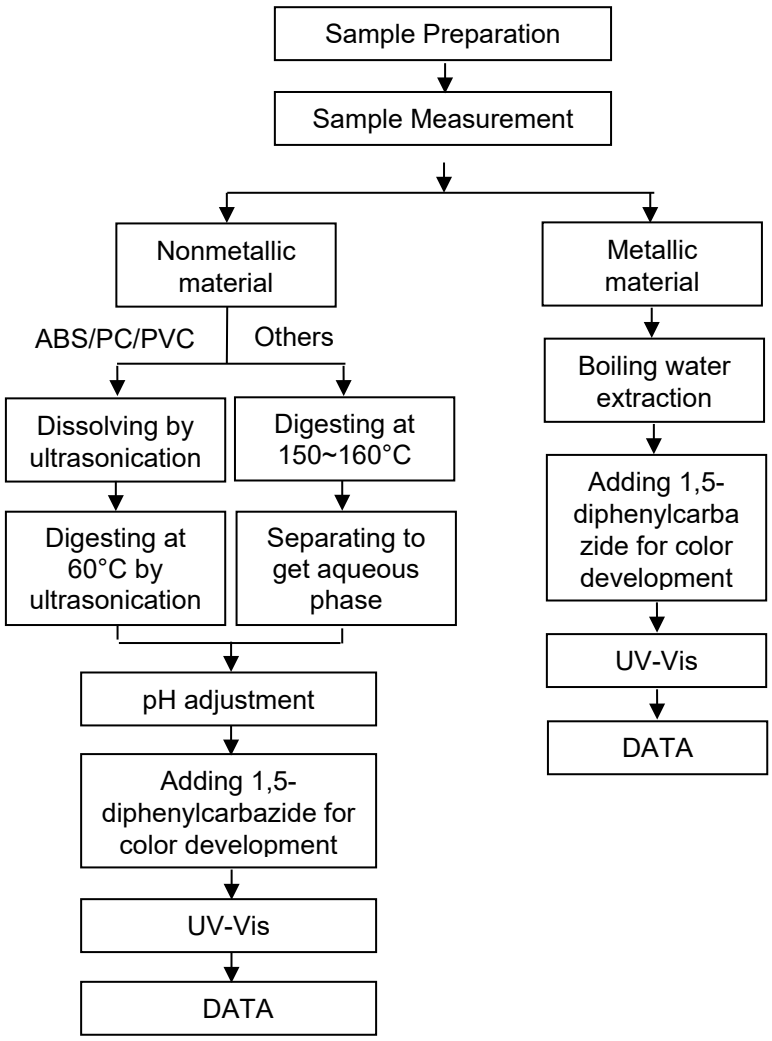


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Hexavalent Chromium (Cr(VI)) Testing Flow Chart

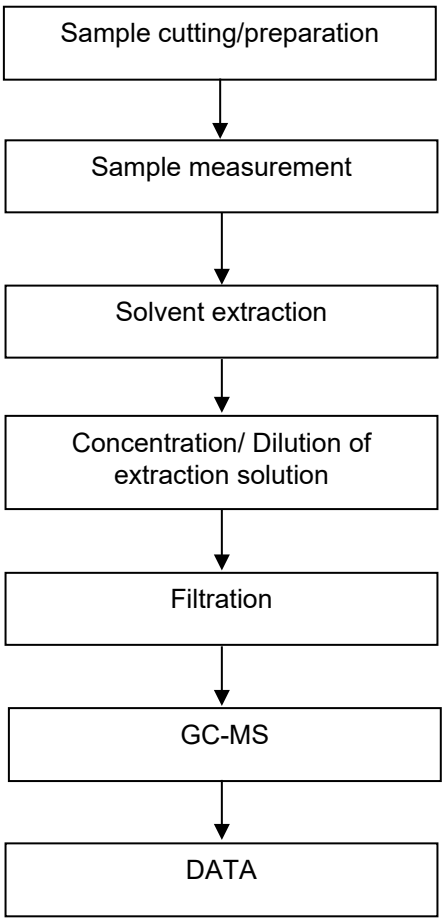


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PBB/PBDE Testing Flow Chart

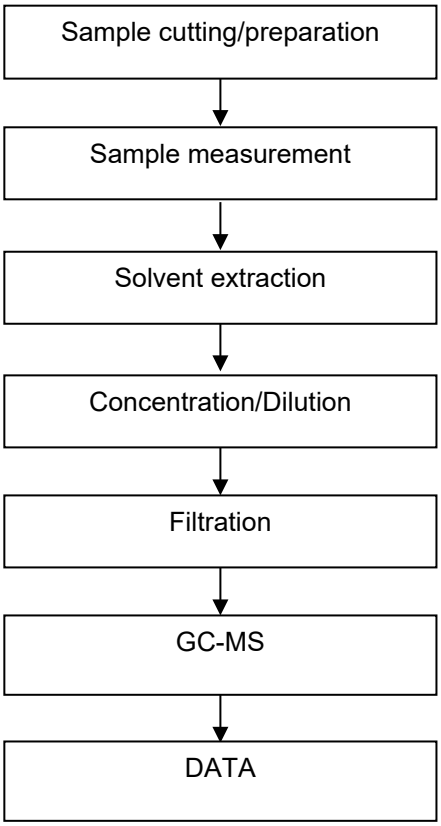


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Phthalates Testing Flow Chart



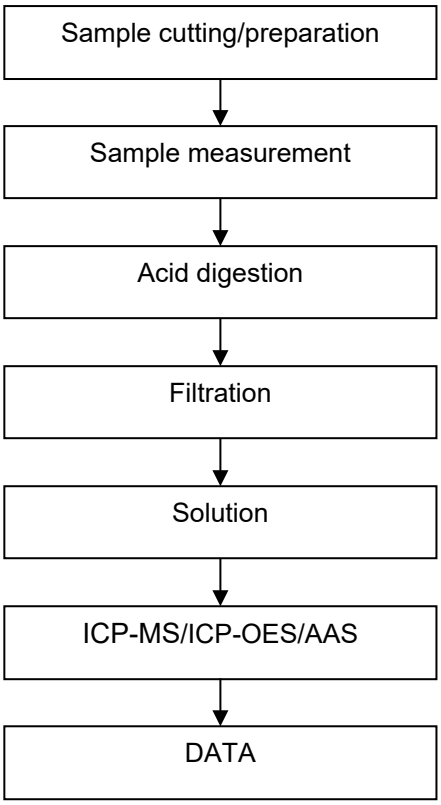
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Elements Testing Flow Chart



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Sample Photo:



SHA25-0164434-0001.C007

SGS authenticate the photo on original report only

*** End of Report ***

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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.

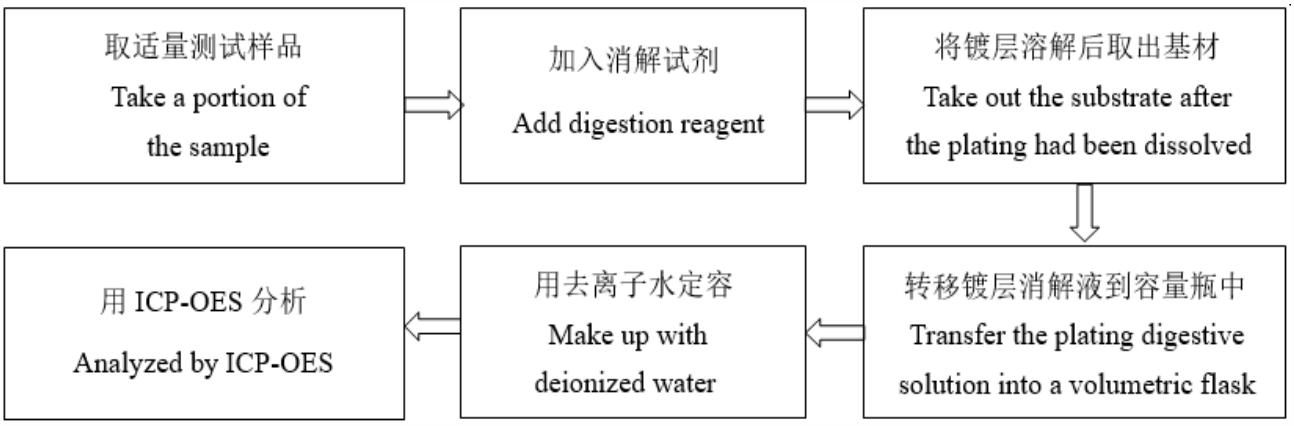
注释: **本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。**
“*”表示该方法不在CNAS认可范围内。

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.

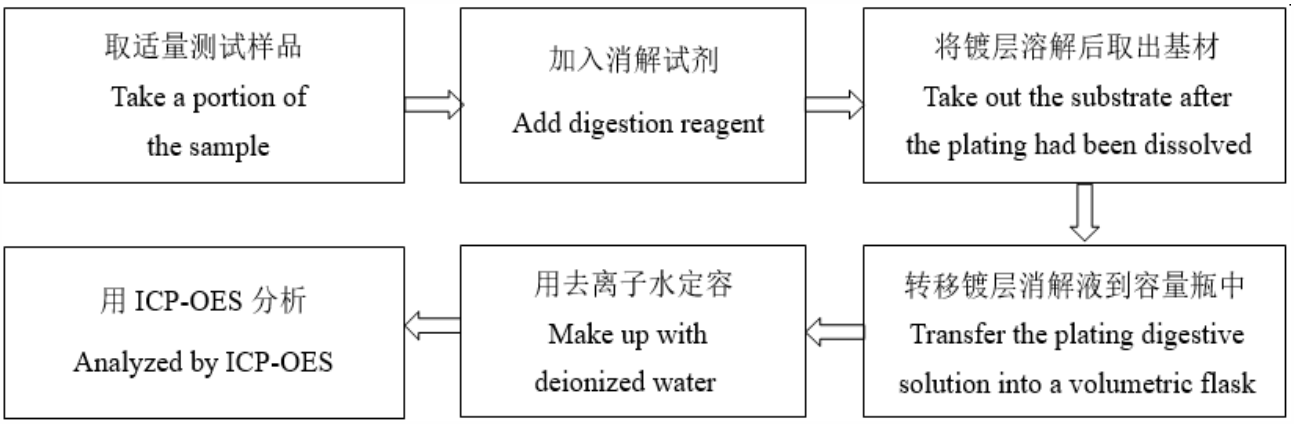
检测报告
Test Report

检测流程 Test Process

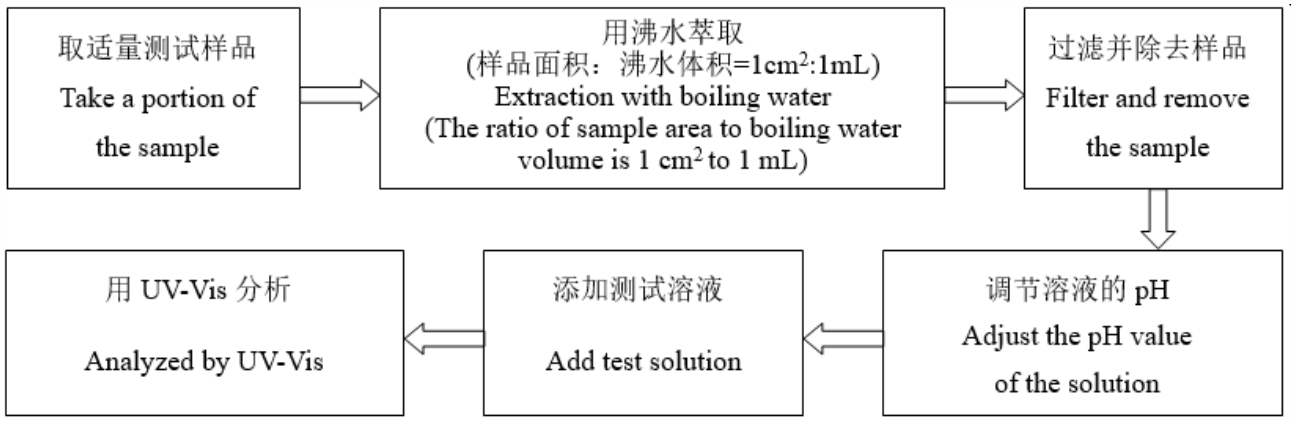
1. 铅(Pb)， 镉(Cd)
Lead (Pb), Cadmium (Cd)



2. 汞(Hg)
Mercury (Hg)

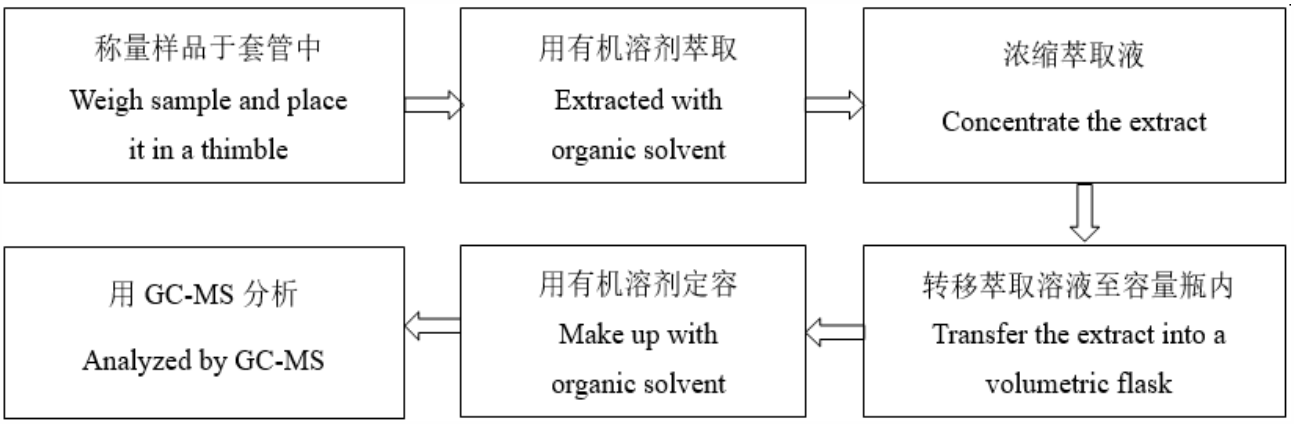


3. 六价铬(Cr(VI))
Hexavalent Chromium (Cr(VI))



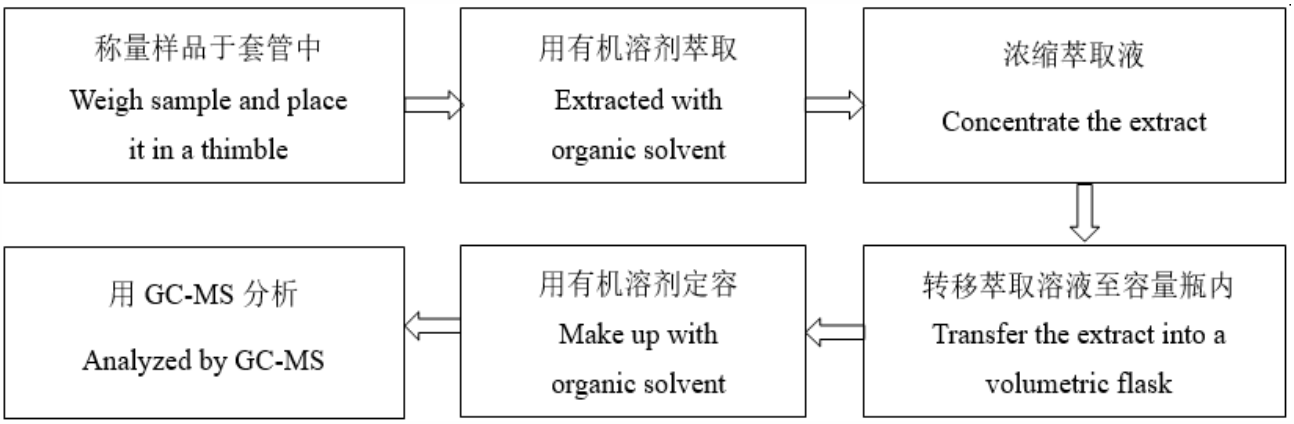
4. 多溴联苯(PBBs)， 多溴二苯醚(PBDEs)

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



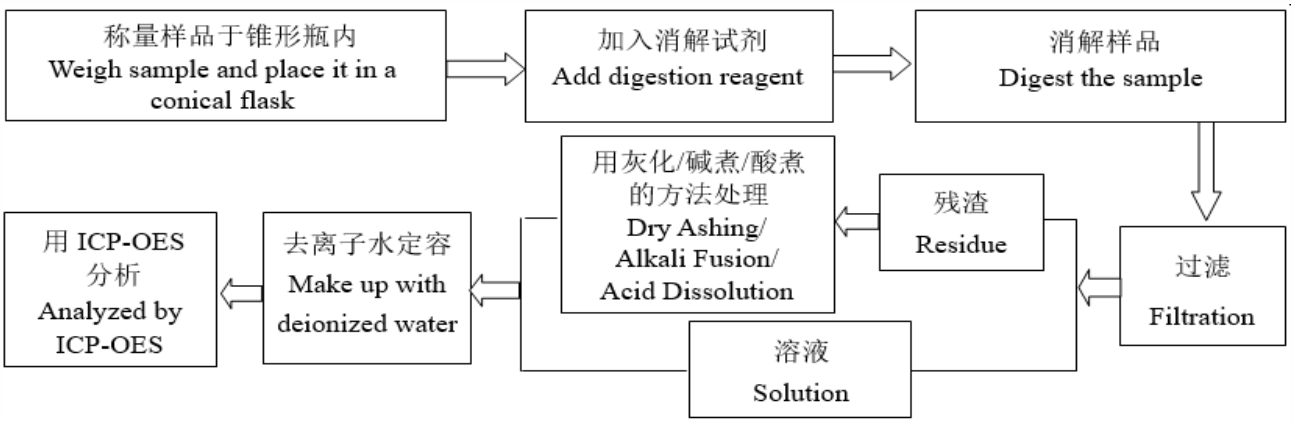
5. 邻苯二甲酸酯(DBP, BBP, DEHP, DIBP)

Phthalates (DBP, BBP, DEHP, DIBP)



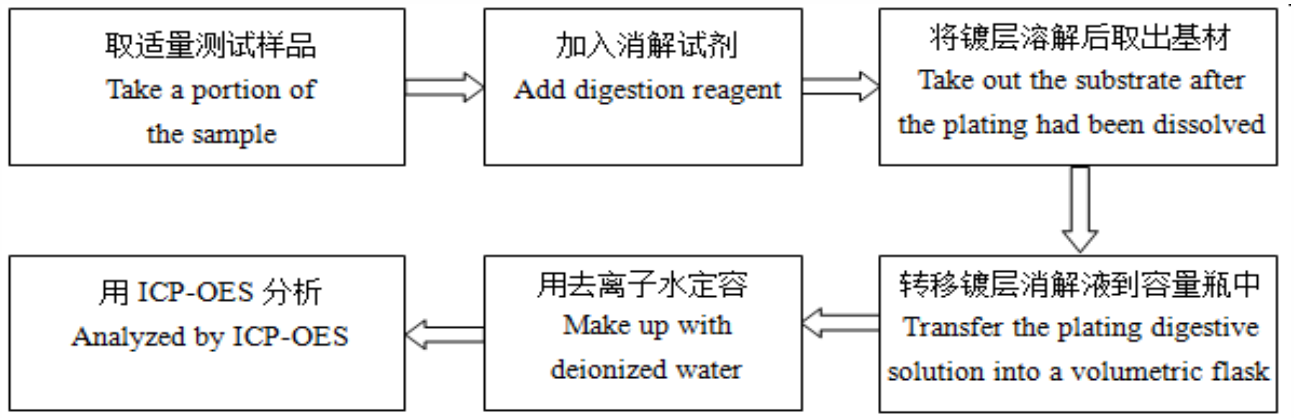
6. 钴(Co)

Cobalt(Co)



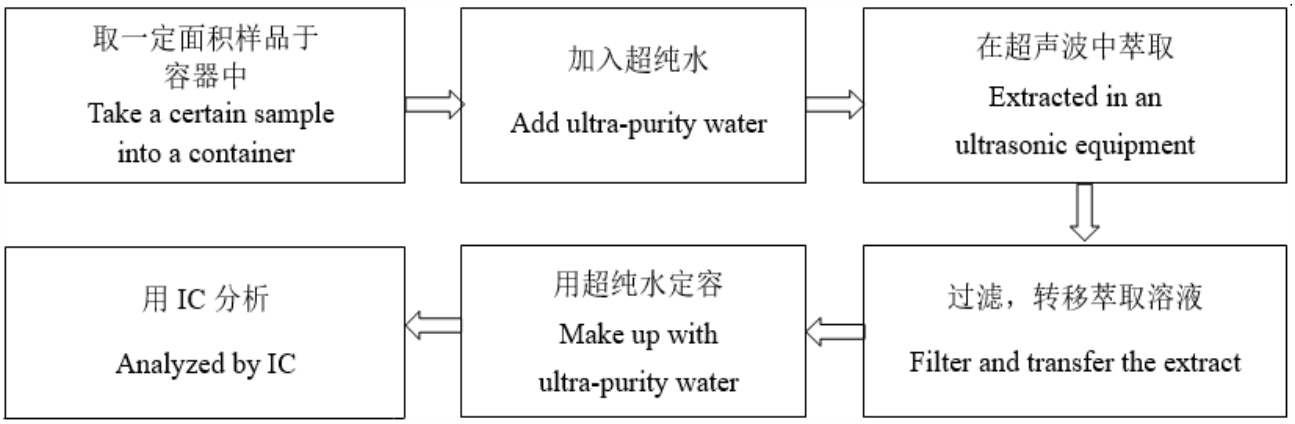
7. 铍(Be)， 锑(Sb)

Beryllium(Be), Antimony(Sb)



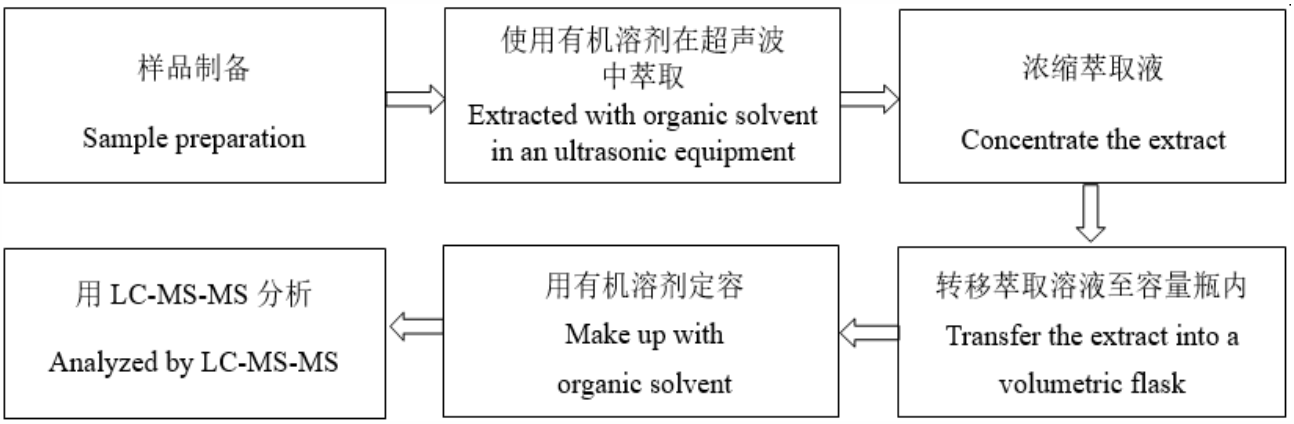
8. 氟(F)， 氯(Cl)， 溴(Br)， 碘(I)

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



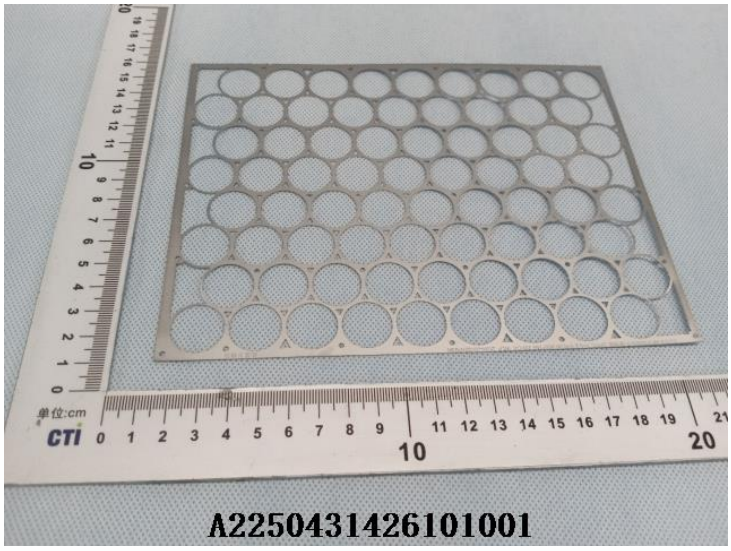
9. 全氟辛酸(PFOA)， 全氟辛烷磺酸(PFOS)

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;
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   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 ***

苏州新亚电通股份有限公司

样件全尺寸报告（330-1）

客户名称		钰纬科技							产品料号		X25GGW-4330-P 3KH00090800			
样品数量		3pcs							生产日期		2026.7.15			
序 号	图纸尺寸(mm)	检测仪器	数量	实测尺寸(mm)										判定
1	15±5	钢尺	3pcs	15.0	14.0	15.0	/	/	/	/	/	/	/	OK
2	150±5	钢尺	3pcs	151.0	150.0	150.0	/	/	/	/	/	/	/	OK
3	15±5	钢尺	3pcs	15.0	15.0	15.0	/	/	/	/	/	/	/	OK
结 论： ■合格 □不合格														
备 注：														
检验/日期：李海燕 2026.7.15					审核/日期：刘佳佳 2026.7.15						核准/日期：夏勇 2026.7.15			

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

REACH(SVHC)保证函

供应商：苏州新亚电通股份有限公司

产品名称：X25GGW-4330-P　3KH00090800

为了满足REACH法规的要求，根据REACH的限制和所有环境保护现我公司苏州新亚向钰纬科技承诺并保证我们提供的产品及部件符合以下条款:

由于ECHA于2008年12月公布了高度关注物质(SVHC)候选清单，根据欧盟化学品及其安全使用法规(REACH/ Regulation (EC) No 1907/2006)第33条第1款，我们有义务告知您产品中所列物质的含量。

根据至今列入清单的这253种物质与我们的产品之间的评估结果，以我们目前所知，我们确认苏州新亚上述型号产品不含任何高度关注物质(SVHC)超过0.1%重量比(w/w)的阈值。

公司名称：苏州新亚电通股份有限公司

姓名/职称：

时间：2026年7月2日

供应商公司印章：

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