RoHS 测试报告

报告编号	：AGC03688210401-003

样品名称 ：聚氨酯 PU 胶

样品型号 ：/

委托单位 ：佛山市森美亚复合材料有限公司

检测标准 ：请参见后续页。

签发日期 ：2021 年 4 月 19 日

深圳市鑫宇环标准技术有限公司

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单位地址 ： 佛山市顺德容桂高黎顺德科技创新中心三座 2004

测试地址 ： 深圳市宝安区航城街道三围社区三围茶西工业区 2 栋 6 层

样品信息:

样品名称 ： 聚氨酯 PU 胶

收样日期 ： 2021 年 4 月 14 日

测试周期 ： 2021 年 4 月 14 日至 2021 年 4 月 19 日

测试要求:

根据客户要求，依据欧盟议会和欧盟理事会第 2011/65/EU (RoHS)号指令及修正案(EU) 2015/863的要求对送检样品中的铅、镉、汞、六价铬、多溴联苯、多溴二苯醚、DBP、 BBP、DEHP、DIBP的含量进行测定。

签发：

梁丹

技术总监

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测试结果：

测试项目	测试方法/ 仪器	方法检出限	最大限值
铅 (Pb)	IEC 62321-5:2013/ ICP-OES	10mg/kg	1000mg/kg
镉 (Cd)	IEC 62321-5:2013/ ICP-OES	10mg/kg	100mg/kg
汞 (Hg)	IEC 62321-4: 2013+A1:2017/ ICP-OES	10mg/kg	1000mg/kg
非金属：六价铬 (Cr^{6+})	IEC 62321-7-2:2017/ UV-Vis	8mg/kg	1000mg/kg
金属：六价铬 (Cr^{6+})	IEC 62321-7-1:2015/ UV-Vis	0.1μg/cm^2	/
多溴联苯(PBBs) - 一溴联苯(MonoBB) - 二溴联苯(DiBB) - 三溴联苯(TriBB) - 四溴联苯(TetraBB) - 五溴联苯(PentaBB) - 六溴联苯(HexaBB) - 七溴联苯(HeptaBB) - 八溴联苯(OctaBB) - 九溴联苯(NonaBB) - 十溴联苯(DecaBB)	IEC 62321-6:2015/ GC-MS	单项 5mg/kg	总和 1000mg/kg
多溴二苯醚 (PBDEs) - 一溴二苯醚(MonoBDE) - 二溴二苯醚(DiBDE) - 三溴二苯醚(TriBDE) - 四溴二苯醚(TetraBDE) - 五溴二苯醚(PentaBDE) - 六溴二苯醚(HexaBDE) - 七溴二苯醚(HeptaBDE) - 八溴二苯醚(OctaBDE) - 九溴二苯醚(NonaBDE) - 十溴二苯醚(DecaBDE)	IEC 62321-6:2015/ GC-MS	单项 5mg/kg	总和 1000mg/kg
邻苯二甲酸二异丁酯(DIBP)	IEC 62321-8:2017/ GC-MS	50mg/kg	1000mg/kg
邻苯二甲酸二正丁酯(DBP)		50mg/kg	1000mg/kg
邻苯二甲酸丁苄酯(BBP)		50mg/kg	1000mg/kg
邻苯二甲酸二(2-乙基己基)(DEHP)		50mg/kg	1000mg/kg

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序号	测试结果(mg/kg)										结论
	Pb	Cd	Hg	Cr^{6+}	PBBs	PBDEs	DIBP	DBP	BBP	DEHP	
2	N.D.	N.D.	479	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	符合

注释：

mg/kg = 毫克每千克　　$\mu g/cm^2$ = 微克每平方厘米

N.D.= 未检出（小于方法检出限）　　N/A= 不适用

备注：

- 沸水提取：（X 为待测样品结果）

序号	比色结果(铬(VI)浓度)	判定
1	$X<0.1\mu g/cm^2$	阴性
2	$0.1\mu g/cm^2 \leq X \leq 0.13\mu g/cm^2$	不确定
3	$X>0.13\mu g/cm^2$	阳性

- 阴性表明测试区域内六价铬含量低于定量极限，认定镀层不存在六价铬；
  不确定表明测试区域镀层六价铬的不可避免的变化影响结果判定，导致无法判定结果；
  阳性表明测试区域内六价铬含量高于于定量极限，认定镀层含有六价铬；
  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代表测试时样品的状态。
  样品湿测结果

样品描述：

2	聚氨酯 PU 胶 混

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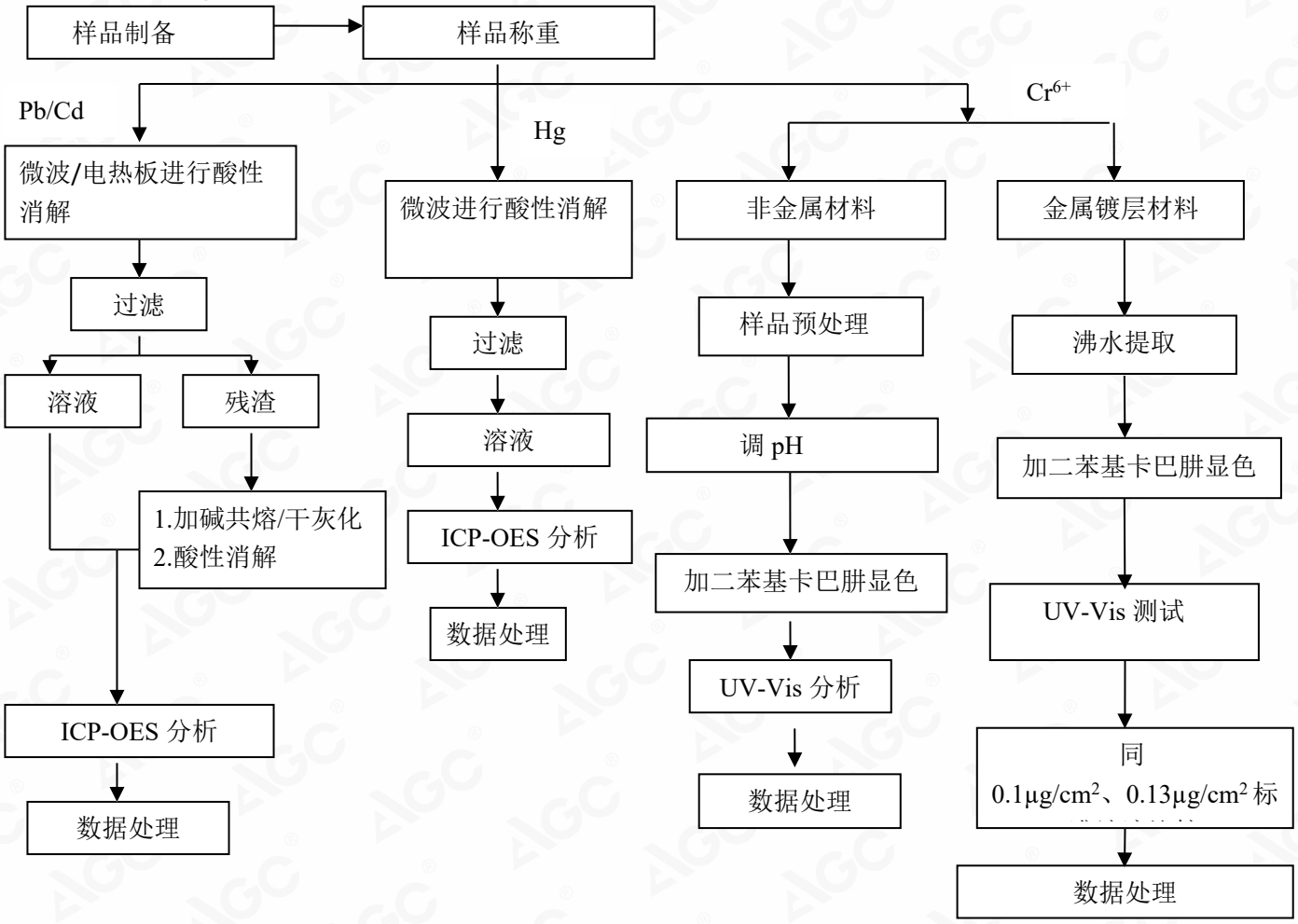
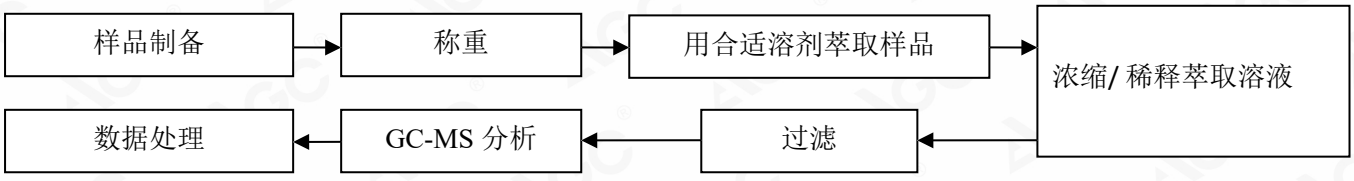
测试流程图

1.Pb , Cd , Hg, Cr^{6+}测试流程图



根据以上的流程图之条件，样品已经完全溶解（六价铬测试方法除外）。

2. PBBs, PBDEs, DBP, BBP, DEHP 和 DIBP 的测试流程图



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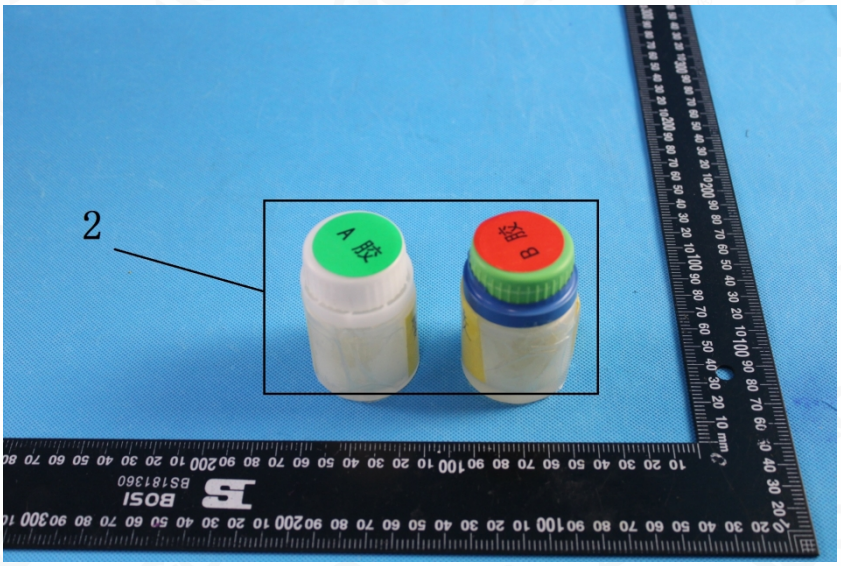
样 品 附 图



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