

测试报告

No. SHAEC1417855302

日期: 2014年09月19日 第1页,共7页

上海盈固化工有限公司

上海市嘉定区江桥万达广场8号写字楼1003室

以下测试之样品是由申请者所提供及确认: 透明尼龙

SGS工作编号: SP14-028684 - SH

成分: 尼龙盐

型号: PA 1315

批号: 20140901-1

样品接收日期: 2014年09月17日

测试周期: 2014年09月17日 - 2014年09月19日

测试要求: 根据客户要求测试

测试方法: 请参见下一页

测试结果: 请参见下一页

结论: 基于所送样品进行的测试, 镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)的测试结果符合欧盟RoHS指令2002/95/EC的重订指令2011/65/EU附录II的限值要求.

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授权签名

Shelly Li 黎珊

批准签署人

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测试报告

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测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
SN1	SHA14-178553.001	透明固体颗粒

备注:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS指令2011/65/EU

- 测试方法:
- (1) 参考IEC 62321-5:2013, 用ICP-OES测定镉的含量
 - (2) 参考IEC 62321-5:2013, 用ICP-OES测定铅的含量
 - (3) 参考IEC 62321-4:2013, 用ICP-OES测定汞的含量
 - (4) 参考IEC 62321:2008, 用紫外-可见分光光度计比色法测定六价铬的含量
 - (5) 参考IEC 62321:2008, 用GC-MS测定PBBs(多溴联苯)和PBDEs(多溴二苯醚)的含量

测试项目	限值	单位	MDL	001
镉(Cd)	100	mg/kg	2	ND
铅(Pb)	1000	mg/kg	2	ND
汞(Hg)	1000	mg/kg	2	ND
六价铬(CrVI)	1000	mg/kg	2	ND
多溴联苯之和(PBBs)	1000	mg/kg	-	ND
一溴联苯	-	mg/kg	5	ND
二溴联苯	-	mg/kg	5	ND
三溴联苯	-	mg/kg	5	ND
四溴联苯	-	mg/kg	5	ND
五溴联苯	-	mg/kg	5	ND
六溴联苯	-	mg/kg	5	ND
七溴联苯	-	mg/kg	5	ND
八溴联苯	-	mg/kg	5	ND
九溴联苯	-	mg/kg	5	ND
十溴联苯	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND
二溴二苯醚	-	mg/kg	5	ND



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测试项目	限值	单位	MDL	001
三溴二苯醚	-	mg/kg	5	ND
四溴二苯醚	-	mg/kg	5	ND
五溴二苯醚	-	mg/kg	5	ND
六溴二苯醚	-	mg/kg	5	ND
七溴二苯醚	-	mg/kg	5	ND
八溴二苯醚	-	mg/kg	5	ND
九溴二苯醚	-	mg/kg	5	ND
十溴二苯醚	-	mg/kg	5	ND

备注:

(1) 最大允许极限值引用自指令2011/65/EU附录II.

邻苯二甲酸盐(或酯)

测试方法: 参考EN 14372: 2004的方法, 采用GC-MS分析邻苯二甲酸盐(或酯)含量.

测试项目	CAS NO.	单位	MDL	001
邻苯二甲酸二丁酯(DBP)	84-74-2	%	0.003	ND
邻苯二甲酸丁苄酯 (BBP)	85-68-7	%	0.003	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	117-81-7	%	0.003	ND

备注:

(1) 参考信息: RoHS指令2002/95/EC的重订指令2011/65/EU:

邻苯二甲酸二(2-乙基己基)酯(DEHP), 邻苯二甲酸丁苄酯 (BBP)和邻苯二甲酸二丁酯(DBP) 被列为需优先进行风险评估和考虑进行限制的物质.

六溴环十二烷(HBCDD)

测试方法: 参考IEC 62321:2008, 采用GC-MS分析六溴环十二烷含量.

测试项目	单位	MDL	001
六溴环十二烷(HBCDD)	mg/kg	10	ND

备注:

(1) 参考信息: RoHS指令2002/95/EC的重订指令2011/65/EU:

六溴环十二烷(HBCDD) 被列为需优先进行风险评估和考虑进行限制的物质.



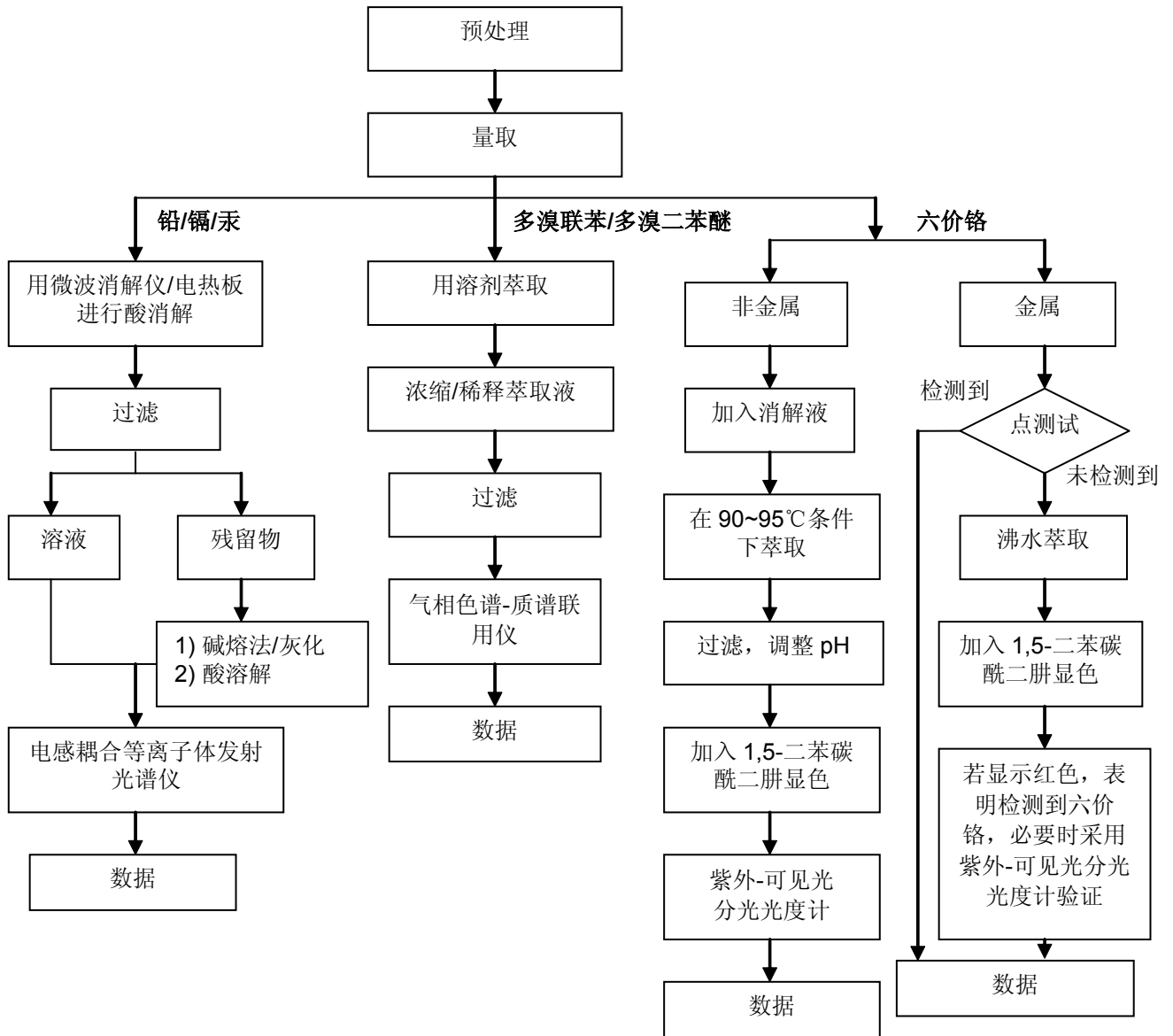
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RoHS 测试流程图

- 1) 分析人员: 张小波/汪红新/王晓艳/徐刚
- 2) 项目负责人: 施青/金黎霞/黄婷
- 3) 样品按照下述流程被完全消解(六价铬和多溴联苯/多溴二苯醚测试除外)。



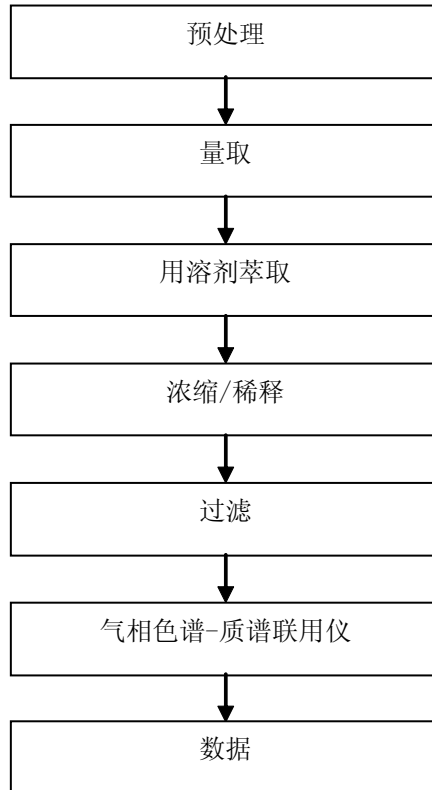
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Phthalates 测试流程图

- 1) 分析人员: 姚霞飞
- 2) 项目负责人: 马永存



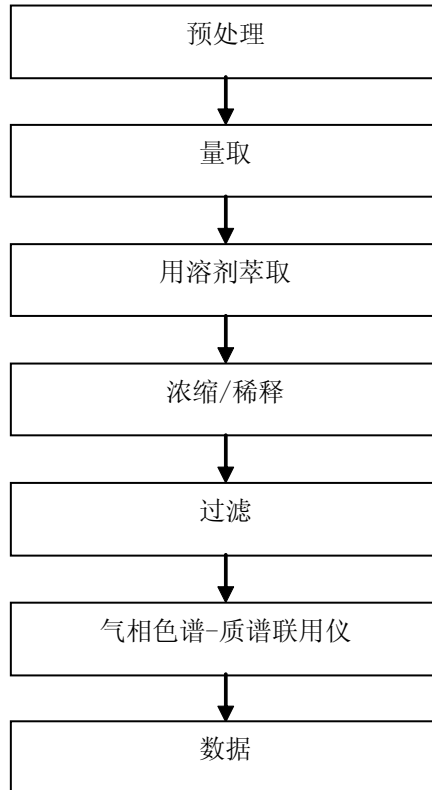
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HBCDD 测试流程图

- 1) 分析人员: 徐刚
- 2) 项目负责人: 黄婷



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