



中国认可  
检测  
TESTING  
CNAS L0599

## 测试报告

No. SHAEC1523413902

日期: 2015年11月23日 第1页,共7页

上海天雕树脂有限公司

上海市青浦区沪青平公路3821弄7幢

以下测试之样品是由申请者所提供及确认: 热熔胶

SGS工作编号: SP15-037800 - SH

型号: 天雕牌

主要成分: EVA,SIS,SBS,聚酰胺,石油树脂,松香树脂

样品接收日期: 2015年11月16日

测试周期: 2015年11月16日 - 2015年11月23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

通标标准技术服务(上海)有限公司  
授权签名

王卫

Terry Wang 王卫  
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	SHA15-234139.001	黄色软固体

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.

**卤素**

测试方法: 参照EN 14582:2007方法测定,采用IC进行分析.

测试项目	单位	MDL	001
氟(F)	mg/kg	50	ND
氯(Cl)	mg/kg	50	ND
溴(Br)	mg/kg	50	ND
碘(I)	mg/kg	50	ND

**全氟辛烷磺酰基化合物(PFOS)和全氟辛酸(PFOA)**

测试方法: 参照US EPA 3550C: 2007. 采用HPLC-MS测试.

测试项目	限值	单位	MDL	001
全氟辛烷磺酸及其衍生物(PFOS) <sup>^</sup>	1000	mg/kg	10	ND
全氟辛酸 (PFOA)	-	mg/kg	10	ND

备注:

(1) 最大允许限制引用自(EC) No. 850/2004的修订指令欧盟决议(EU) No. 757/2010.

 (2) <sup>^</sup>=全氟辛烷磺(PFOS)及其衍生物包含全氟辛烷磺酸(PFOS), 全氟辛基磺酰胺(PFOSA), 2-(N-乙基全氟辛基磺酰胺)乙醇(EtFOSE), N-甲基全氟辛烷磺酰胺(MeFOSA), N-乙基全氟辛烷磺酰胺(EtFOSA)和2-(N-甲基全氟辛基磺酰胺)乙醇(MeFOSE).

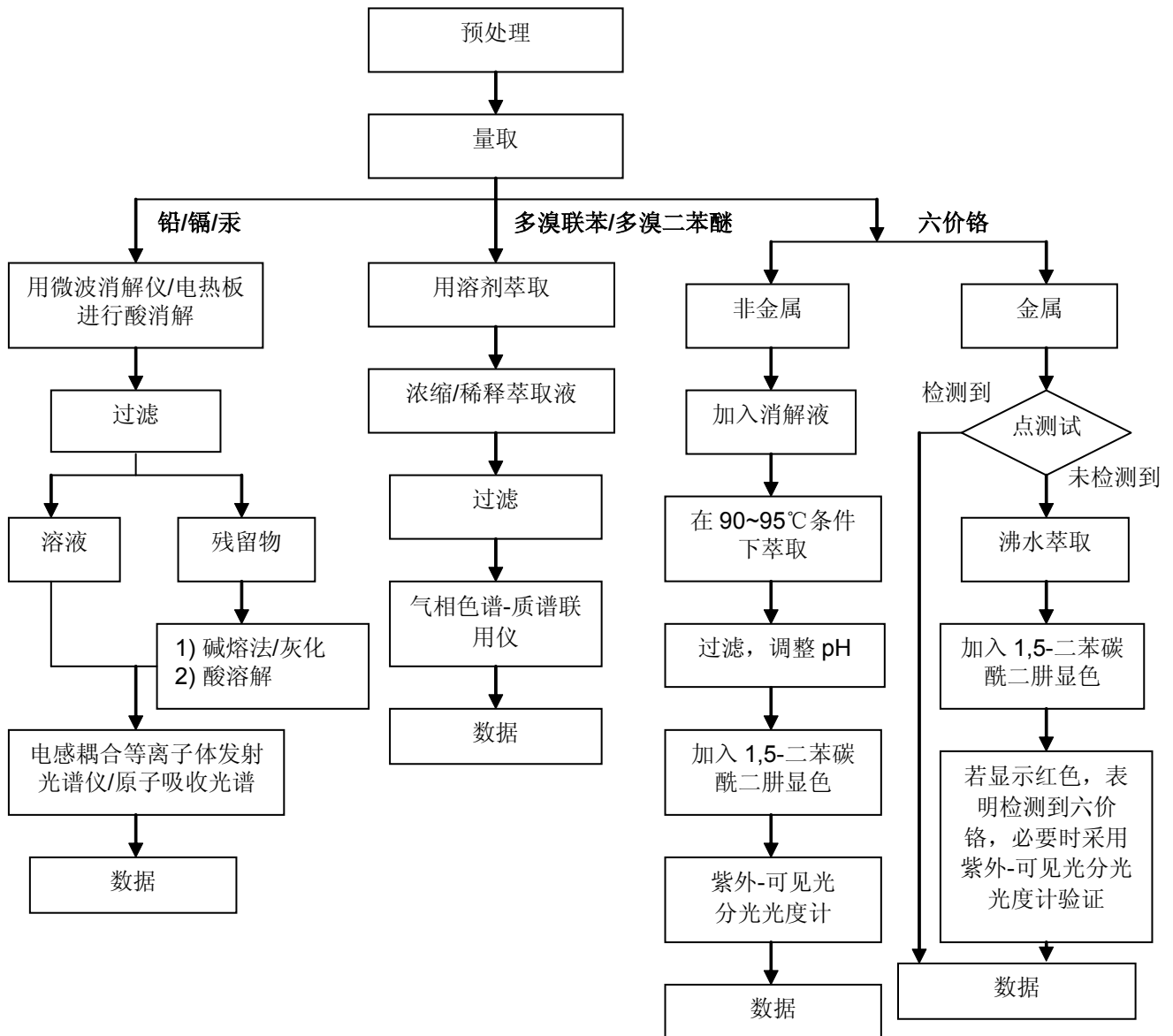

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## 附件

## RoHS 测试流程图

- 1) 分析人员: 李大锐/徐刚/朱增珍/秦兴章
- 2) 项目负责人: 施青/金黎霞/黄婷/陈怀磊
- 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)。

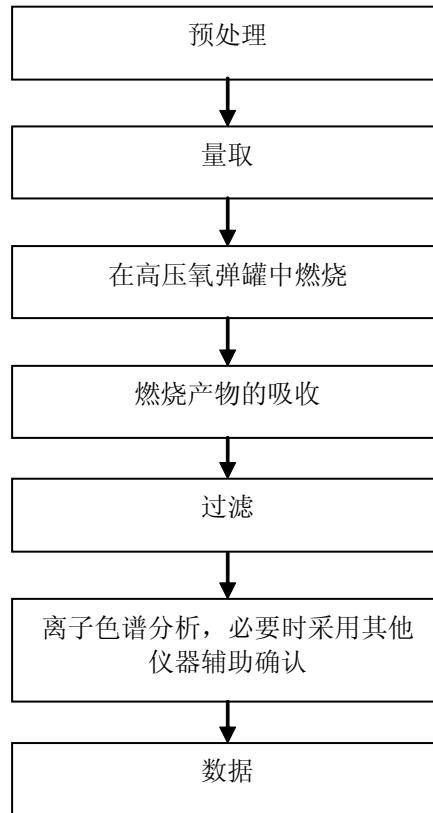


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### Halogen(氧弹法)测试流程图

- 1) 分析人员: 印宇
- 2) 项目负责人: 李丹

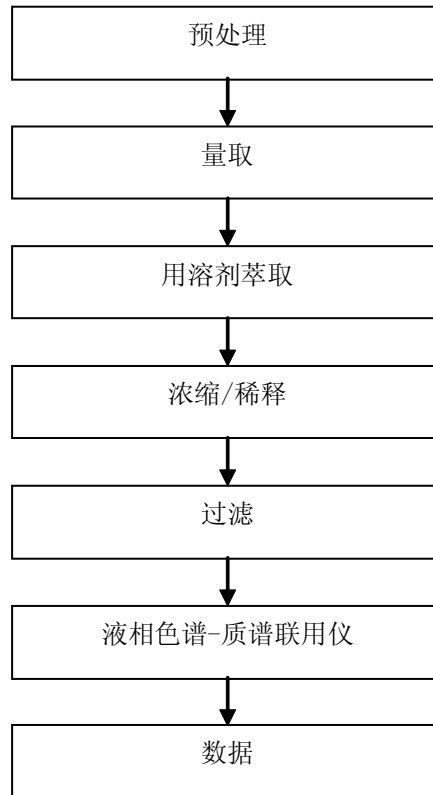


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PFOS/PFOA 测试流程图

- 1) 分析人员: 杨占君
- 2) 项目负责人: 马永存



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\*\*\* 报告完 \*\*\*



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