

## 测试报告

No. CANEC1211797404

日期: 2012年09月05日 第1页,共7页

广东理文造纸有限公司

中国广东省东莞市洪梅镇河西工业区

以下测试之样品是由申请者所提供及确认:灰底涂布白板纸

SGS工作编号: CP12-042192 - GZ  
样品接收日期: 2012年08月29日  
测试周期: 2012年08月29日 - 2012年09月04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: A: 基于所送样品进行的测试, 铅、镉、汞、六价铬、多溴联苯(PBB)、多溴二苯醚(PBDE)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。

通标标准技术服务有限公司

授权签名



Almay Gao高志梅

批准签署人

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测试结果:

测试样品描述:

样品编号	SGS样品ID	描述
1	CAN12-117974.001	带白色表层的灰色纸

备注:

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

**A: RoHS指令2011/65/EU**

测试方法: 参考IEC 62321:2008:

- (1) 用ICP-OES测定镉的含量
- (2) 用ICP-OES测定铅的含量
- (3) 用ICP-OES测定汞的含量
- (4) 用点测试法/紫外-可见分光光度计比色法测定六价铬的含量
- (5) 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)	1,000	mg/kg	2	ND
汞 (Hg)	1,000	mg/kg	2	ND
六价铬(Cr(VI))	1,000	mg/kg	2	ND
多溴联苯之和(PBBs)	1,000	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)	1,000	mg/kg	-	ND
一溴二苯醚	-	mg/kg	5	ND

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测试项目	限值	单位	MDL	001
二溴二苯醚	-	mg/kg	5	ND
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.

### **B: 六溴环十二烷(HBCDD)**

测试方法: 参考IEC 62321:2008, 用GC-MS分析。

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。

### **C: 邻苯二甲酸盐(或酯)**

测试方法: 参考EN 14372: 2004的方法测定, 采用GC-MS进行分析。

测试项目	单位	MDL	001
邻苯二甲酸二丁酯 (DBP)	%(w/w)	0.003	ND
邻苯二甲酸丁酯苄酯 (BBP)	%(w/w)	0.003	ND
邻苯二甲酸二(2-乙基己基) (DEHP)	%(w/w)	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), 邻苯二甲酸丁酯苄酯(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。

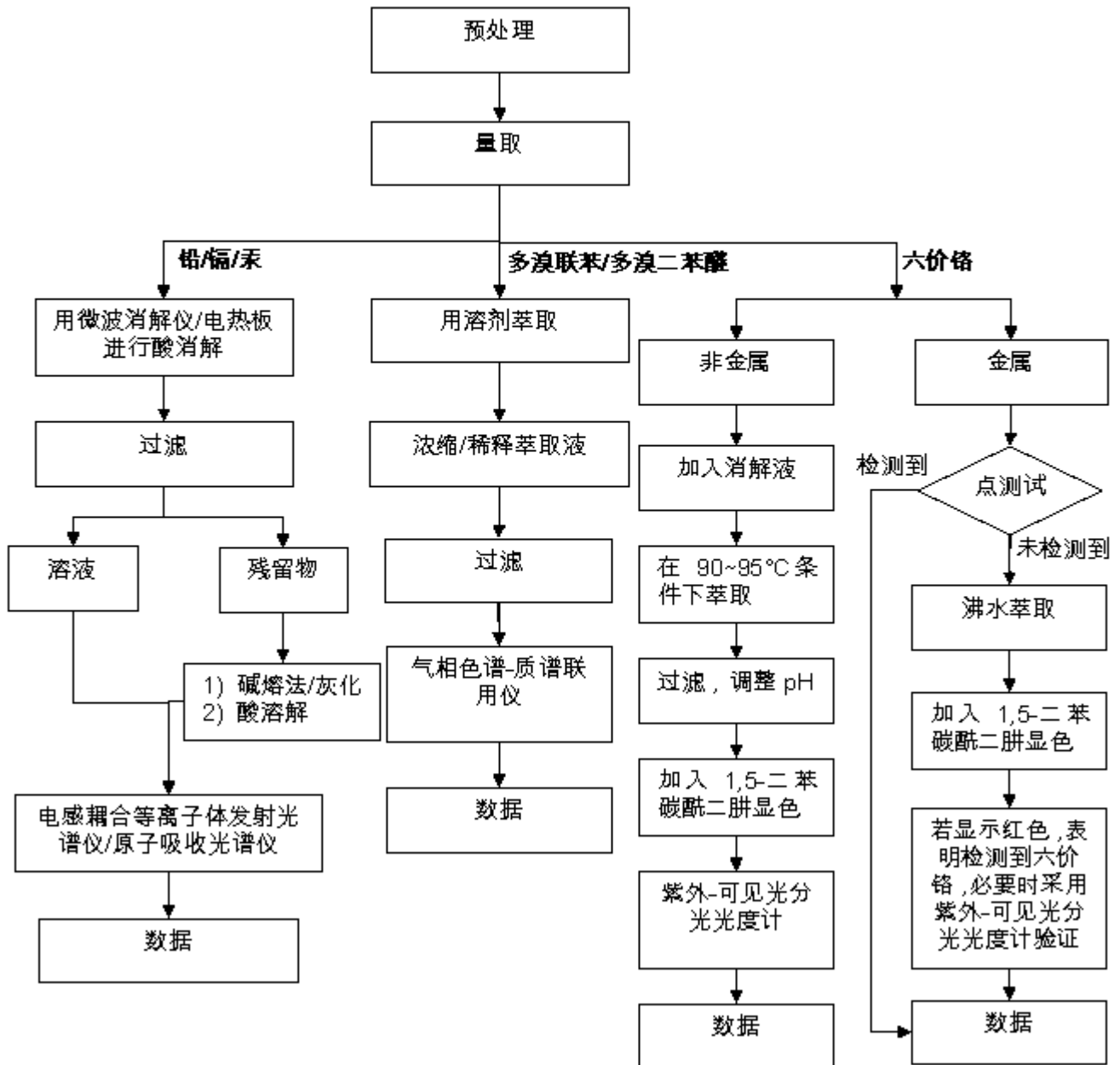
备注: 本报告的测试结果和照片引用自报告CANEC1211797401.

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附件

### RoHS 测试流程图

- 1) 分析人员: 汪丹 / 余晓璐 / 詹达琦
- 2) 项目负责人: 余奕东 / 杨伟兴
- 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)

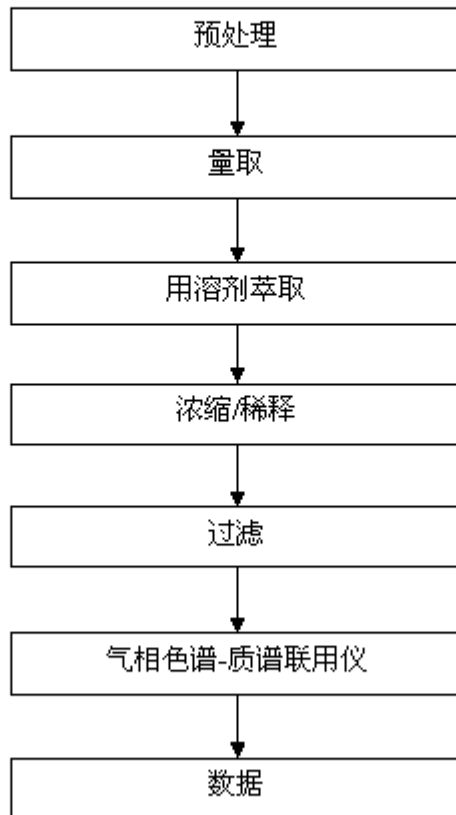


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## 附件

### HBCDD 测试流程图

- 1) 分析人员: 余晓璐
- 2) 项目负责人: 杨伟兴



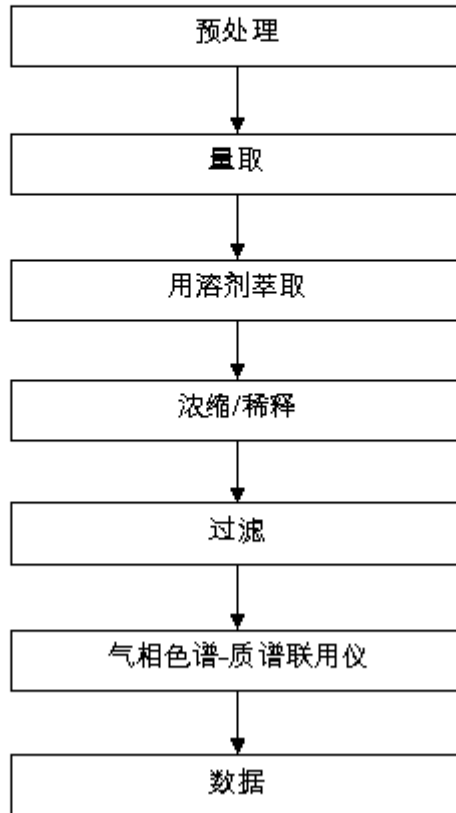
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附件

### Phthalates 测试流程图

- 1) 分析人员: 赵瑞娜
- 2) 项目负责人: 杨伟兴



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