

测试报告

No. CANEC1625518756

日期: 2017年01月06日 第1页,共11页

昆山汉品电子有限公司
中国昆山市玉山镇城北五联路698号

以下测试之样品是由申请者所提供及确认: PET胶带

SGS工作编号: CP16-077339 - GZ
测试样品信息: XPHM15B2
客户参考信息: 见备注
样品接收日期: 2016年12月26日
测试周期: 2016年12月26日 - 2017年01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: 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)、邻苯二甲酸酯(如邻苯二甲酸二丁酯(DBP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二(2-乙基己基)酯(DEHP)和邻苯二甲酸二异丁酯(DIBP))的测试结果符合欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。

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授权签名

吕爱凤

Merry Lv吕爱凤
批准签署人

备注: 本报告是编号为CANEC1625518755报告的中文版本。



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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	CAN16-255187.008	黑色粘性片

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附录II的修正指令(EU) 2015/863

- 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 62321-6:2015, 用GC-MS测定PBBs(多溴联苯)和PBDEs(多溴二苯醚)的含量。
 - (6)参考IEC 62321-8 :2013(111/321/CD), 用GC-MS测定邻苯二甲酸酯的含量。

测试项目	限值	单位	MDL	008
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	008
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
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND
邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1000	mg/kg	50	ND
邻苯二甲酸二异丁酯(DIBP)	1000	mg/kg	50	ND

备注:

(1) 最大允许极限值引用自RoHS指令(EU) 2015/863。

卤素

测试方法: 参考EN 14582:2016, 用 IC分析。

测试项目	单位	MDL	008
氟 (F)	mg/kg	50	ND
氯 (Cl)	mg/kg	50	ND
溴 (Br)	mg/kg	50	ND
碘 (I)	mg/kg	50	ND

全氟辛酸(PFOA)和全氟辛烷磺酸(PFOS)

测试方法: 参考CEN/TS15968:2010方法, 用 LC-MS分析。

测试项目	CAS NO.	单位	MDL	008
全氟辛酸(PFOA)	335-67-1	mg/kg	10	ND
全氟辛烷磺酸及其衍生物 (PFOS)^	-	mg/kg	10	ND

备注:

(1) ^全氟辛烷磺酸(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



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胺(EtFOSA)和2-(N-甲基全氟辛基磺酰胺)乙醇(MeFOSE)。



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备注:

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XPHM15*6**, XPHM15*7**, XPHM15*8**, XPHM15*9**, XPHM15V2**, XPHM15A1**, XPHM15A2**, XPHM25A2**, XPHM45A2**, XPHM15A4**, XPHM45V2**, XPHM2501**, XPHM2502**, XPHM25B2**, XPHM2602**, XPHM2503**, XPHM2504**, XPHM25B4**, XPHM2505**, XPHM2506**, XPHM25B6**, XPHM2507**, XPHM2508**, XPHM2509**, XPHM25H2**, XPHM25*1**, XPHM25*2**, XPHM25*3**, XPHM25*4**, XPHM25*5**, XPHM25*6**, XPHM25*7**, XPHM25*8**, XPHM25*9**, XPHM3501**, XPHM3502**, XPHM35B2**, XPHM3504**, XPHM35B4**, XPHM3506**, XPHM35B6**, XPHM3507**, XPHM3508**, XPHM3509**, XPHM35*1**, XPHM35*2**, XPHM35*3**, XPHM35*4**, XPHM35*5**, XPHM35*6**, XPHM35*7**, XPHM35*8**, XPHM35*9**, XPHM4501**, XPHM4502**, XPHM45B2**, XPHM4504**, XPHM45B4**, XPHM4506**, XPHM45B6**, XPHM4507**, XPHM4508**, XPHM4509**, XPHM45*1**, XPHM45*2**, XPHM45*3**, XPHM45*4**, XPHM45*5**, XPHM45*6**, XPHM45*7**, XPHM45*8**, XPHM45*9**, XPHM5501**, XPHM5502**, XPHM55B2**, XPHM5202**, XPHM5502**, XPHM5504**, XPHM55B4**, XPHM5505**, XPHM5506**, XPHM55B6**, XPHM5507**, XPHM5508**, XPHM5509**, XPHM55*1**, XPHM55*2**, XPHM55*3**, XPHM55*4**, XPHM55*5**, XPHM55*6**, XPHM55*7**, XPHM55*8**, XPHM55*9**, XPHM5511**, XPHM6501**, XPHM601**, XPHM602**, XPHM603**, XPHM604**, XPHM605**, XPHM606**, XPHM607**, XPHM608**, XPHM6*1**, XPHM6*2**, XPHM6*3**, XPHM6*4**, XPHM6*5**, XPHM6*6**, XPHM6*7**, XPHM6*8**, XPHM6*9**, XPHM7501**, XPHM702**, XPHM65*1**, XPHM65*2**, XPHM65*3**, XPHM65*4**, XPHM65*5**, XPHM65*6**, XPHM65*7**, XPHM65*8**, XPHM65*9**, XPHM8501**, XPHM8502**, XPHM85B2**, XPHM8512**, XPHM8503**, XPHM8504**, XPHM85B4**, XPHM8505**, XPHM8506**, XPHM85B6**, XPHM8507**, XPHM8508**, XPHM8509**, XPHM75*1**, XPHM75*2**, XPHM75*3**, XPHM75*4**, XPHM75*5**, XPHM75*6**, XPHM75*7**, XPHM75*8**, XPHM75*9**, XPHM85*1**, XPHM85*2**, XPHM85*3**, XPHM85*4**, XPHM85*5**, XPHM85*6**, XPHM85*7**, XPHM85*8**, XPHM85*9**, XPHM*5*1**, XPHM*5*2**, XPHM*5*3**, XPHM*5*4**, XPHM*5*5**, XPHM*5*6**, XPHM*5*7**, XPHM*5*8**, XPHM*5*9**, XPHM85*1**, XPHM95*2**, XPHM95*3**, XPHM95*4**, XPHM95*5**, XPHM95*6**, XPHM95*7**, XPHM95*8**, XPHM95*9**, XPHM***1**, XPHM***2**, XPHM***3**, XPHM***4**, XPHM***5**, XPHM***6**, XPHM***7**, XPHM***8**, XPHM***9**, XPHM**1**, XPHM**2**, XPHM**3**, XPHM**4**, XPHM**5**, XPHM**6**, XPHM**7**, XPHM**8**, XPHM**9**, XPHMP502**, XPHM25B1**, XPHM1F06**, XPHM1FB2**, XPHM*F*2**, XPHM*F*4**, XPHM*F*6**, XPHM0518**

备注:“*”表示 0~9或A~Z中的任意一个



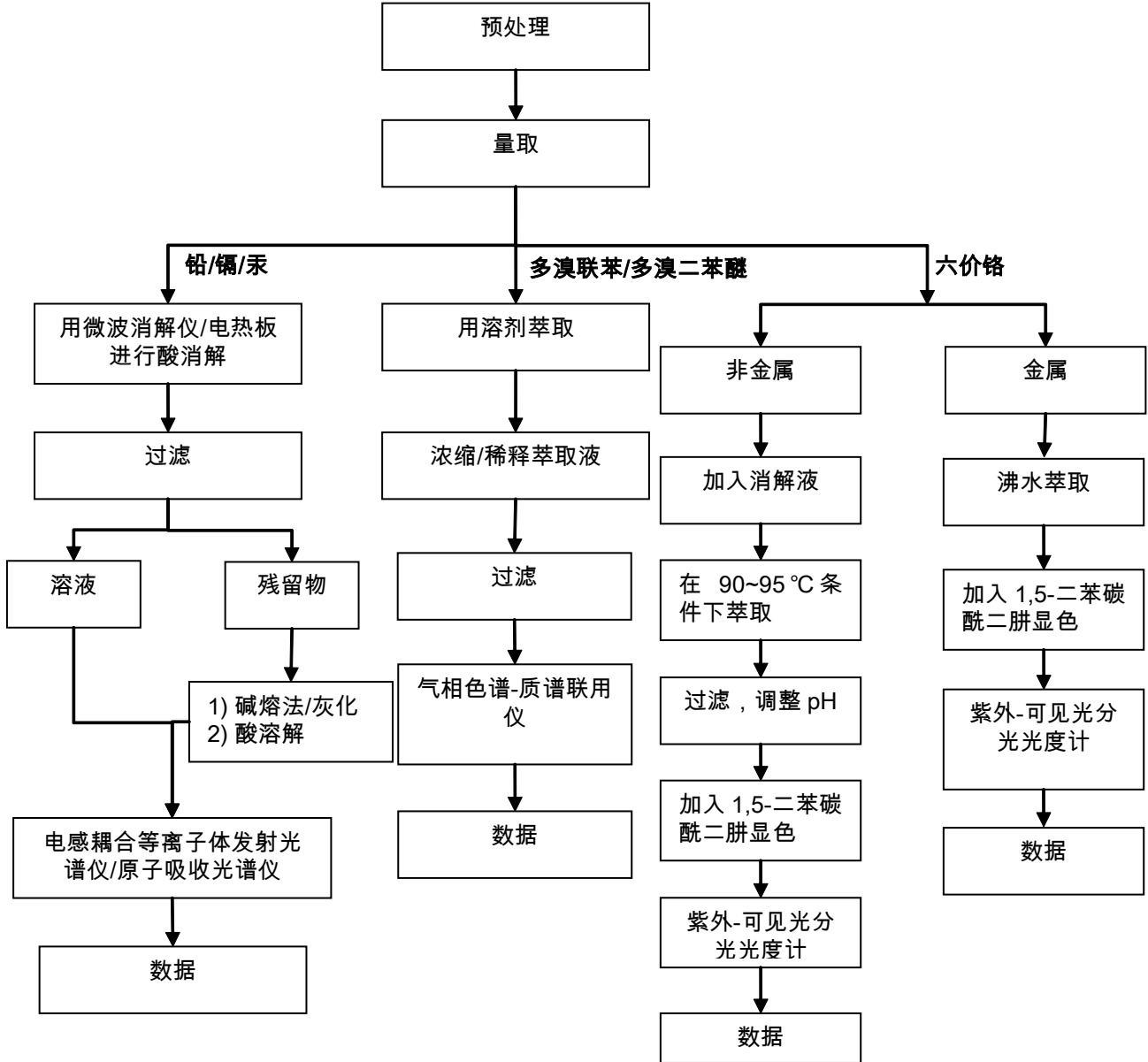
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附件

Pb/Cd/Hg/Cr⁶⁺/PBBs/PBDEs 测试流程图

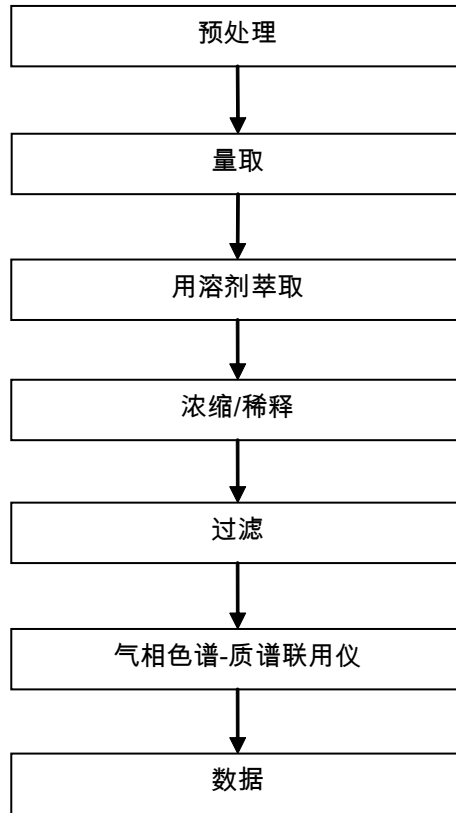
- 1) 分析人员: 张梓路 / 胡香云
- 2) 项目负责人: 汪丹 / 刘琼
- 3) 样品按照下述流程被完全消解 (六价铬和多溴联苯/多溴二苯醚测试除外)。



附件

Phthalates 测试流程图

- 1) 分析人员: 胡香云
- 2) 项目负责人: 刘琼



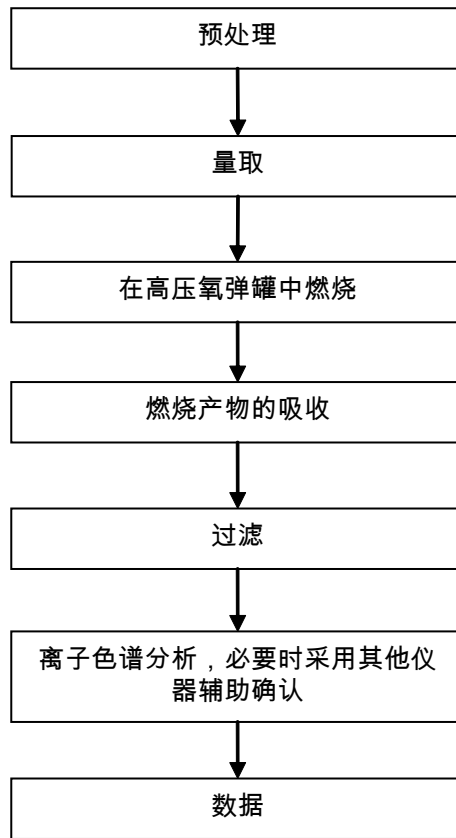
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附件

Halogen 测试流程图

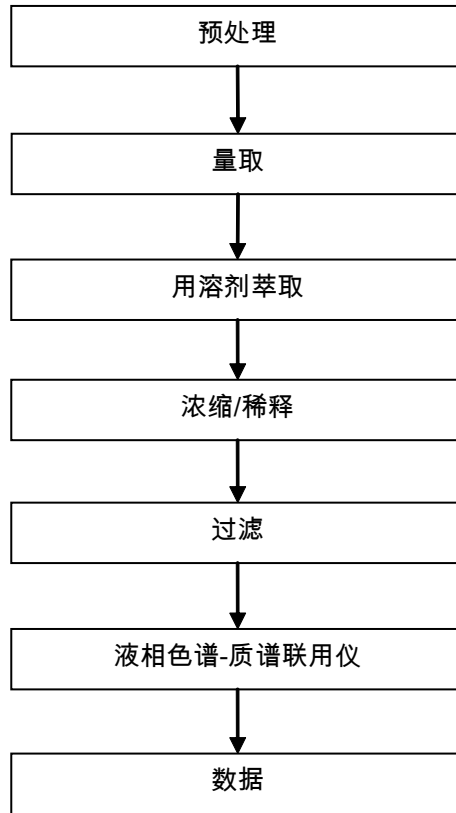
- 1) 分析人员: 肖戈
- 2) 项目负责人: 汪丹



附件

PFOA / PFOS 测试流程图

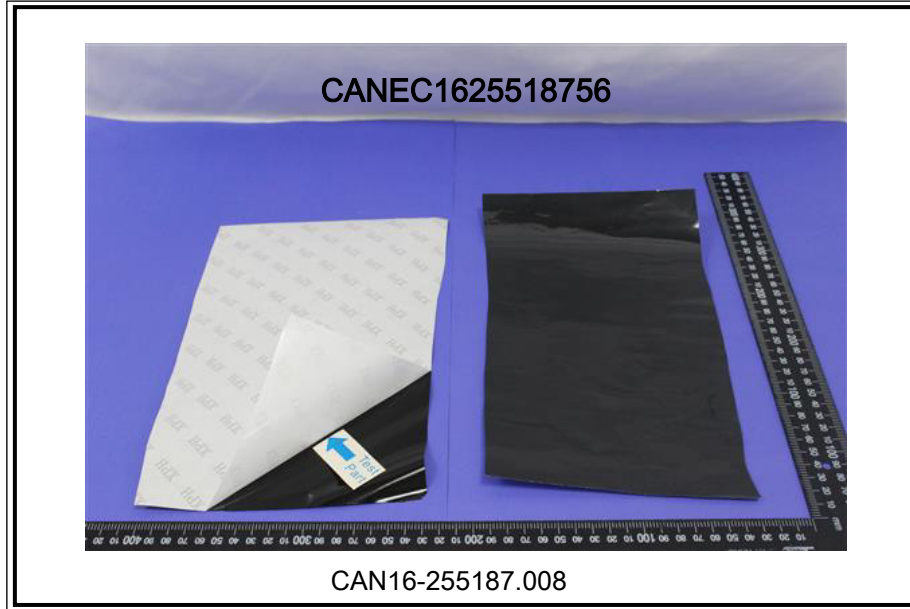
- 1) 分析人员 : 王志红
- 2) 项目负责人 : 刘琼



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