

## 测试报告

No. CANEC1716302210

日期: 2017年09月04日 第1页,共12页

浙江冠豪新材料有限公司

浙江省平湖市新仓镇仓庆路888号

以下测试之样品是由申请者所提供及确认: 格拉辛离型纸; PET离型膜; 热敏纸不干胶标签; 高粘永久胶; 通用型热熔胶; 可移胶; 冷冻型热熔胶; 全侯型胶

SGS工作编号: CP17-046314 - GZ  
型号: S2HG3  
客户参考信息: 适用于:S0HG3,S0170,S0171,S0271,S1073,S2HG4,S2HG7,  
S2SG9,S2SG3,S2SG4,S2AG3,S2RG3,S2MG3,S2MG4,S2LG3,  
SJ211,S2070,S2073,S2060,S2370,S2575,S2670,S2671,S2673,  
S2674,S2675,S2676,S2677,S2685,SJ260,S2770,S2771,S2776,  
S2779,S2371,S2373,S2374,S2470,S2471,S2870,S2M22,S2M23,  
S2M25,SAMG3,SA270,SA170,SA271,S4370,S4371,S4372,S4373,  
S4374,S4377,S4378,S4470,S4471,S4570,S4571,SJ400,SJ430,  
SJ431,SR401,S4670,S4770,S4771,S4671,S4673,S4674,S4MG3,  
S4MG4,S4MZ1,S4MZ3,S4MZ4,S5MG3,S5HG3,S5653,S5HG4,  
S6670,S7HG3,S7SG3,S7570,SM6661,SH6661,S8CG3,S8080,  
S8AG3,S8MG3,S8LG3,S8HG3,S8605,S8CT1,S9HG3,S9HG4,  
S9SG3,S9SG4,S9MG3,S9MG3,S9MG4,S9LG3,S9870,S9170,  
S9175,ST557,ST157,ST727,ST597,ST587,ST657,ST607,  
ST627,ST877,ST867,ST277,ST927

主要成份: 热敏纸,高粘永久胶,通用型热熔胶,冷冻型热熔胶,全侯型胶,  
可移胶,格拉辛离型纸,PET离型膜

样品接收日期: 2017年08月17日  
测试周期: 2017年08月17日 - 2017年08月30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)、邻苯二甲酸丁苯酯(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。



## 测试报告

No. CANEC1716302210

日期: 2017年09月04日 第2页,共12页

通标标准技术服务有限公司广州分公司  
授权签名

史丽兰

Violet, Shi 史丽兰  
批准签署人

备注:本报告是编号为CANEC1716302209报告的中文版本。



## 测试报告

No. CANEC1716302210

日期: 2017年09月04日 第3页,共12页

测试结果:

### 测试样品描述:

样品编号	SGS样品ID	描述
SN1	CAN17-163022.001	白色纸(1#)
SN2	CAN17-163022.003	透明膜(3#)
SN3	CAN17-163022.005	白色纸(半成品,5#)
SN4	CAN17-163022.013	白色液体(13#)
SN5	CAN17-163022.014	棕色软物料(14#)
SN6	CAN17-163022.015	白色液体(15#)
SN7	CAN17-163022.016	黄色软物料(16#)
SN8	CAN17-163022.017	白色液体(17#)

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: 参考 IEC 62321-4:2013, IEC62321-5:2013, IEC62321-7-2:2017, IEC 62321-6:2015 和 IEC62321-8:2017, 采用 ICP-OES, UV-Vis 和 GC-MS 进行分析.

测试项目	限值	单位	MDL	001	003	005
镉 (Cd)	100	mg/kg	2	ND	ND	ND
铅 (Pb)	1,000	mg/kg	2	ND	ND	ND
汞 (Hg)	1,000	mg/kg	2	ND	ND	ND
六价铬(Cr(VI))	1,000	mg/kg	8	ND	ND	ND
多溴联苯之和(PBBs)	1,000	mg/kg	-	ND	ND	ND
一溴联苯	-	mg/kg	5	ND	ND	ND
二溴联苯	-	mg/kg	5	ND	ND	ND
三溴联苯	-	mg/kg	5	ND	ND	ND
四溴联苯	-	mg/kg	5	ND	ND	ND
五溴联苯	-	mg/kg	5	ND	ND	ND
六溴联苯	-	mg/kg	5	ND	ND	ND
七溴联苯	-	mg/kg	5	ND	ND	ND
八溴联苯	-	mg/kg	5	ND	ND	ND



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## 测试报告

No. CANEC1716302210

日期: 2017年09月04日 第4页,共12页

测试项目	限值	单位	MDL	001	003	005
九溴联苯	-	mg/kg	5	ND	ND	ND
十溴联苯	-	mg/kg	5	ND	ND	ND
多溴二苯醚之和(PBDEs)	1,000	mg/kg	-	ND	ND	ND
一溴二苯醚	-	mg/kg	5	ND	ND	ND
二溴二苯醚	-	mg/kg	5	ND	ND	ND
三溴二苯醚	-	mg/kg	5	ND	ND	ND
四溴二苯醚	-	mg/kg	5	ND	ND	ND
五溴二苯醚	-	mg/kg	5	ND	ND	ND
六溴二苯醚	-	mg/kg	5	ND	ND	ND
七溴二苯醚	-	mg/kg	5	ND	ND	ND
八溴二苯醚	-	mg/kg	5	ND	ND	ND
九溴二苯醚	-	mg/kg	5	ND	ND	ND
十溴二苯醚	-	mg/kg	5	ND	ND	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND	ND	ND
邻苯二甲酸丁苯酯(BBP)	1000	mg/kg	50	ND	ND	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1000	mg/kg	50	ND	ND	ND
邻苯二甲酸二异丁酯(DIBP)	1000	mg/kg	50	ND	ND	ND

测试项目	限值	单位	MDL	013	014	015
镉 (Cd)	100	mg/kg	2	ND	ND	ND
铅 (Pb)	1,000	mg/kg	2	ND	ND	ND
汞 (Hg)	1,000	mg/kg	2	ND	ND	ND
六价铬(Cr(VI))	1,000	mg/kg	8	ND	ND	ND
多溴联苯之和(PBBs)	1,000	mg/kg	-	ND	ND	ND
一溴联苯	-	mg/kg	5	ND	ND	ND
二溴联苯	-	mg/kg	5	ND	ND	ND
三溴联苯	-	mg/kg	5	ND	ND	ND
四溴联苯	-	mg/kg	5	ND	ND	ND
五溴联苯	-	mg/kg	5	ND	ND	ND
六溴联苯	-	mg/kg	5	ND	ND	ND
七溴联苯	-	mg/kg	5	ND	ND	ND
八溴联苯	-	mg/kg	5	ND	ND	ND
九溴联苯	-	mg/kg	5	ND	ND	ND
十溴联苯	-	mg/kg	5	ND	ND	ND
多溴二苯醚之和(PBDEs)	1,000	mg/kg	-	ND	ND	ND
一溴二苯醚	-	mg/kg	5	ND	ND	ND
二溴二苯醚	-	mg/kg	5	ND	ND	ND
三溴二苯醚	-	mg/kg	5	ND	ND	ND
四溴二苯醚	-	mg/kg	5	ND	ND	ND



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## 测试报告

No. CANEC1716302210

日期: 2017年09月04日 第5页,共12页

测试项目	限值	单位	MDL	013	014	015
五溴二苯醚	-	mg/kg	5	ND	ND	ND
六溴二苯醚	-	mg/kg	5	ND	ND	ND
七溴二苯醚	-	mg/kg	5	ND	ND	ND
八溴二苯醚	-	mg/kg	5	ND	ND	ND
九溴二苯醚	-	mg/kg	5	ND	ND	ND
十溴二苯醚	-	mg/kg	5	ND	ND	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND	ND	ND
邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	50	ND	ND	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1000	mg/kg	50	ND	ND	ND
邻苯二甲酸二异丁酯(DIBP)	1000	mg/kg	50	ND	ND	ND

测试项目	限值	单位	MDL	016	017
镉 (Cd)	100	mg/kg	2	ND	ND
铅 (Pb)	1,000	mg/kg	2	ND	ND
汞 (Hg)	1,000	mg/kg	2	ND	ND
六价铬(Cr(VI))	1,000	mg/kg	8	ND	ND
多溴联苯之和(PBBs)	1,000	mg/kg	-	ND	ND
一溴联苯	-	mg/kg	5	ND	ND
二溴联苯	-	mg/kg	5	ND	ND
三溴联苯	-	mg/kg	5	ND	ND
四溴联苯	-	mg/kg	5	ND	ND
五溴联苯	-	mg/kg	5	ND	ND
六溴联苯	-	mg/kg	5	ND	ND
七溴联苯	-	mg/kg	5	ND	ND
八溴联苯	-	mg/kg	5	ND	ND
九溴联苯	-	mg/kg	5	ND	ND
十溴联苯	-	mg/kg	5	ND	ND
多溴二苯醚之和(PBDEs)	1,000	mg/kg	-	ND	ND
一溴二苯醚	-	mg/kg	5	ND	ND
二溴二苯醚	-	mg/kg	5	ND	ND
三溴二苯醚	-	mg/kg	5	ND	ND
四溴二苯醚	-	mg/kg	5	ND	ND
五溴二苯醚	-	mg/kg	5	ND	ND
六溴二苯醚	-	mg/kg	5	ND	ND
七溴二苯醚	-	mg/kg	5	ND	ND
八溴二苯醚	-	mg/kg	5	ND	ND
九溴二苯醚	-	mg/kg	5	ND	ND
十溴二苯醚	-	mg/kg	5	ND	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND	ND



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日期: 2017年09月04日 第6页,共12页

测试项目	限值	单位	MDL	016	017
邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	50	ND	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1000	mg/kg	50	ND	ND
邻苯二甲酸二异丁酯(DIBP)	1000	mg/kg	50	ND	ND

备注:

(1)最大允许极限值引用自RoHS指令(EU) 2015/863。IEC 62321系列等同于 EN 62321系列  
[http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1258637,25](http://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25)

## 卤素

测试方法: 参考EN 14582:2016, 用 IC分析。

测试项目	单位	MDL	005
氟 (F)	mg/kg	50	71
氯 (Cl)	mg/kg	50	306
溴 (Br)	mg/kg	50	ND
碘 (I)	mg/kg	50	ND

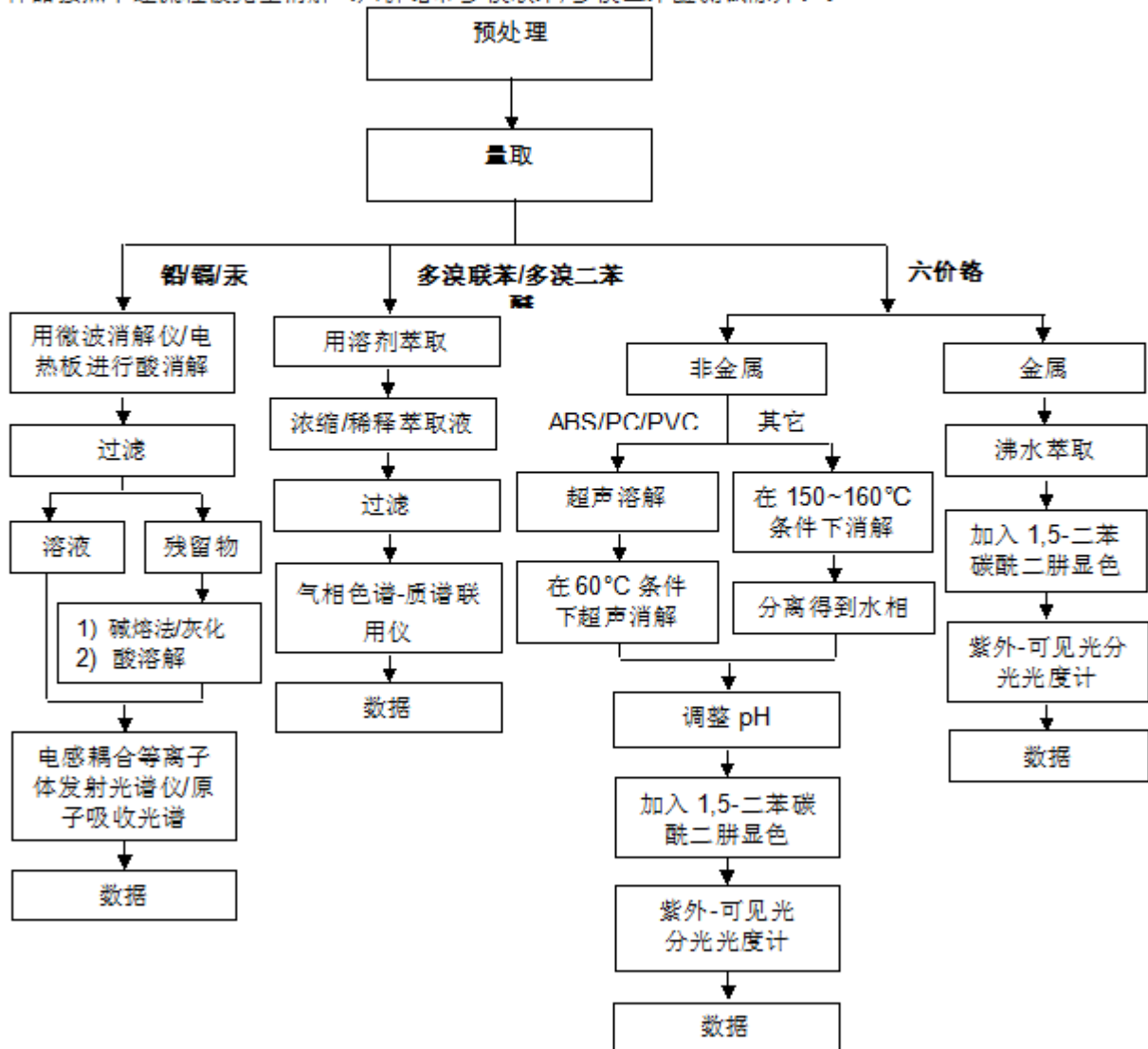
备注: 所示结果013,015,017为湿样品总重量中的含量。



附件

## Pb/Cd/Hg/Cr<sup>6+</sup>/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)。



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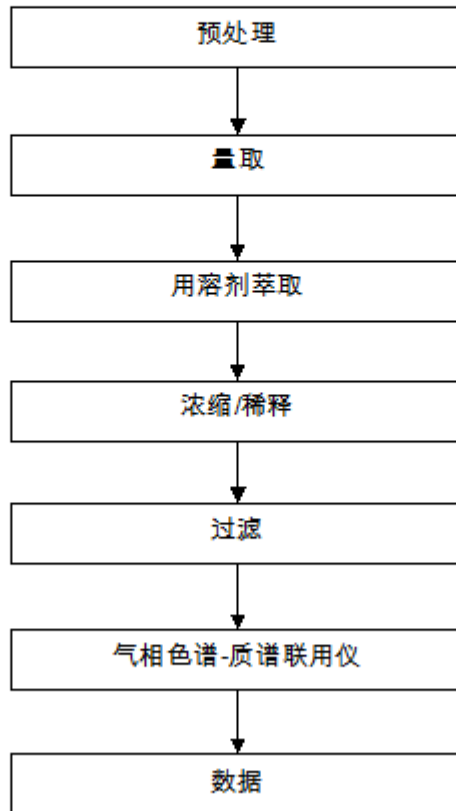
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附件

### Phthalates 测试流程图

- 1) 分析人员: 胡香云
- 2) 项目负责人: 刘琼

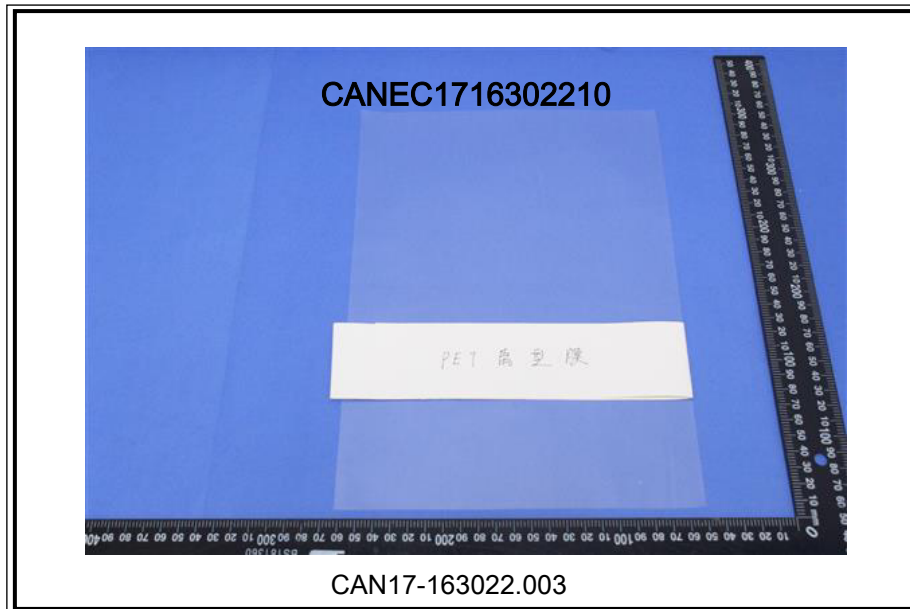


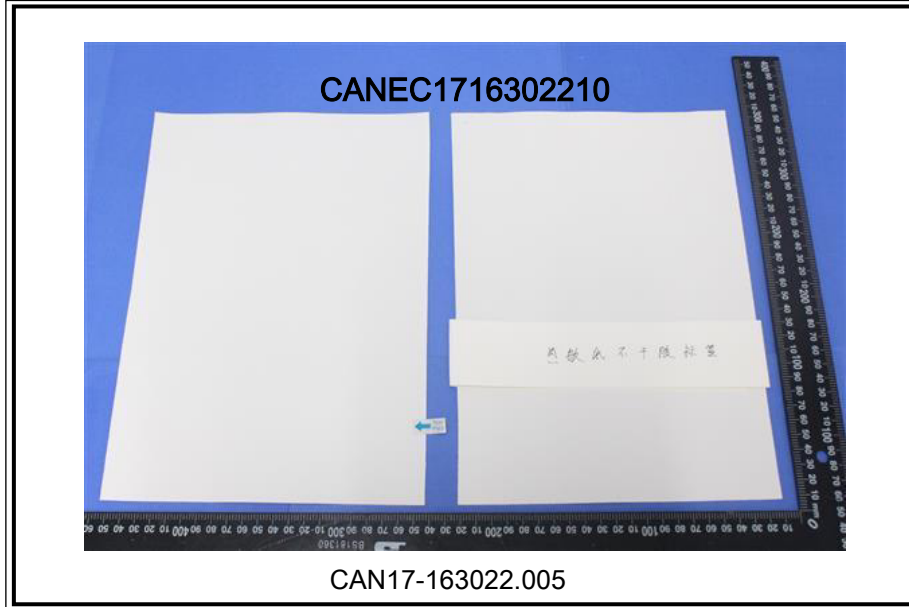
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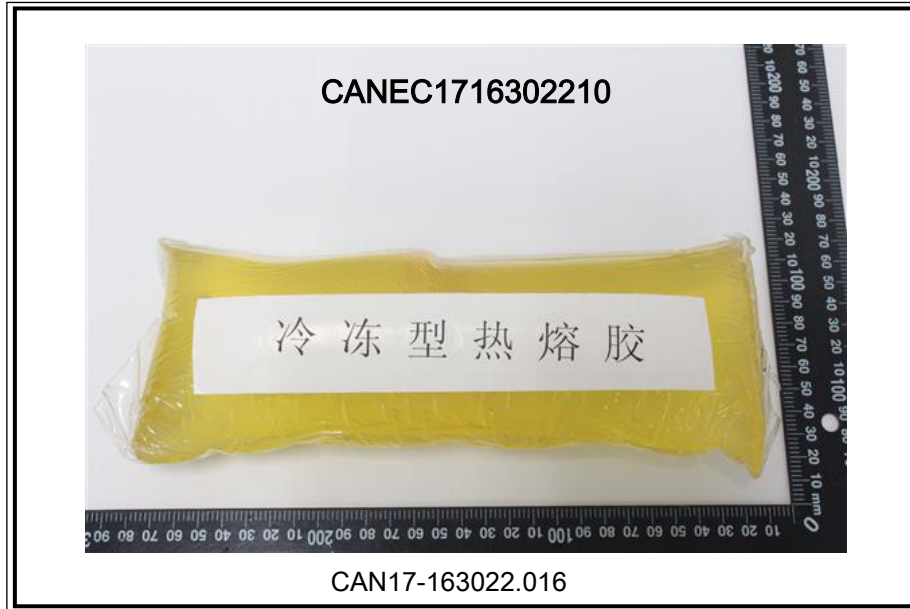


样品照片:









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