

测试报告 No. CANEC1716302224 日期: 2017年09月04日 第1页,共16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:BOPP膜不干胶标签

CP17-046314 - GZ SGS工作编号:

型号: F1CG3

客户参考信息: 适用于:F0380,F0382,FG203,FJ000,F0480,F0580,F1000,

> F1080,F1180,F1181,F1280,F1380,F1480,F1281,F1186,F1AG3, F1MG3,FJ100,F4CG3,F4180,F4181,F4182,F4183,F4184,F4MG3, F4CT2,F5CG3,F5510,F6CG3,F7CG3,F8CG3,F8180,F8680,F8080, F8780,F8380,F8583,F8186,F8AG3,F8AG7,F9CG3,F9CP1,F9AG3, F9MG3,F9CG7,F5CG7,F7CG7,F4CT1,F5CP1,F5881,F5882,F4780, F8880,F8881,F8882,F000A,FBHG3,FBHG7,FB485,FP680,FP681, FP682.FL680.FL683.F5MG3.F8MG3.F8MG7.F8LG3.F001A.F5AG3. F6AP1,F6AP3,FBAG3,FR001,FR002,FPCG3,FDAP1,FDHP1,FZ670,

FM168.FM875

主要成份: BOPP膜,通用膜胶,通用型热熔胶,高粘永久胶,全侯型胶,

冷冻型热熔胶,低温型热熔胶,可移胶,格拉辛离型纸,

PET离型膜,淋膜离型纸

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 请参见下一页 测试方法:

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。

请参见下一页



测试结果:

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通标标准技术服务有限公司广州分公司 授权签名

之丽兰

Violet,Shi史丽兰 批准签署人

备注:本报告是编号为CANEC1716302223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	CAN17-163022.001	白色纸(1#)
SN2	CAN17-163022.002	白色纸(2#)
SN3	CAN17-163022.003	透明膜(3#)
SN4	CAN17-163022.010	白色膜(半成品,10#)
SN5	CAN17-163022.013	白色液体(13#)
SN6	CAN17-163022.014	棕色软物料(14#)
SN7	CAN17-163022.015	白色液体(15#)
SN8	CAN17-163022.016	黄色软物料(16#)
SN9	CAN17-163022.017	白色液体(17#)
SN10	CAN17-163022.018	白色液体(18#)
SN11	CAN17-163022.019	棕色软物料(19#)

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.

<u>测试项目</u>	<u>限值</u>	<u>单位</u>	<u>MDL</u>	<u>001</u>	<u>002</u>	<u>003</u>
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



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<u>测试项目</u>	<u>限值</u>	<u>单位</u>	MDL	<u>001</u>	<u>002</u>	<u>003</u>
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
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)		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	<u>单位</u>	<u>MDL</u>	<u>010</u>	<u>013</u>	<u>014</u>
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



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测试项目	<u>限值</u>	单位	MDL	<u>010</u>	<u>013</u>	<u>014</u>
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
邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	50	ND	ND	ND
邻苯二甲酸二(2-乙基已基)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
<u>测试项目</u>	<u>限值</u>	<u>单位</u>	<u>MDL</u>	<u>015</u>	<u>016</u>	<u>017</u>
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
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



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测试项目	<u>限值</u>	<u>单位</u>	MDL	<u>015</u>	<u>016</u>	<u>017</u>
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	<u>限值</u>	<u>单位</u>	MDL	<u>018</u>	<u>019</u>	
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	<u>-</u>	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	
邻苯二甲酸丁苄酯(BBP)	1000	mg/kg	50	ND	ND	
邻苯二甲酸二(2-乙基已基)酯(DEHP)		mg/kg	50	ND	ND	
邻苯二甲酸二异丁酯(DIBP)	1000	mg/kg	50	ND	ND	



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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:12586 37.25

卤素

测试方法: 参考EN 14582:2016,用 IC分析。

测试项目	<u>单位</u>	<u>MDL</u>	<u>010</u>
氟 (F)	mg/kg	50	ND
氯 (CI)	mg/kg	50	ND
溴 (Br)	mg/kg	50	ND
碘 (I)	mg/kg	50	ND

备注: 所示结果013,015,017,018 为湿样品总重量中的含量。



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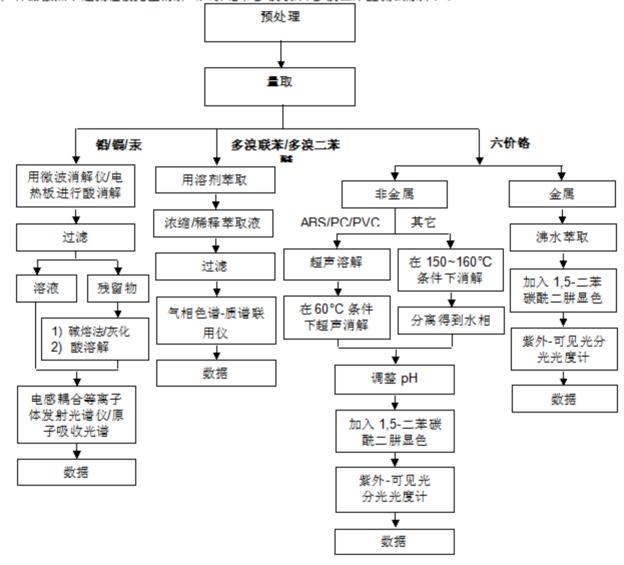
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附件

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)。





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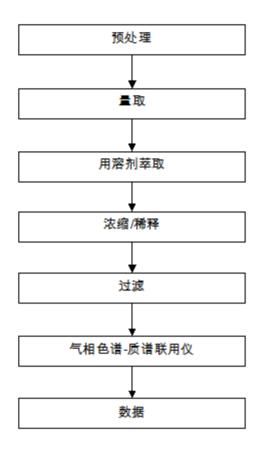
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附件

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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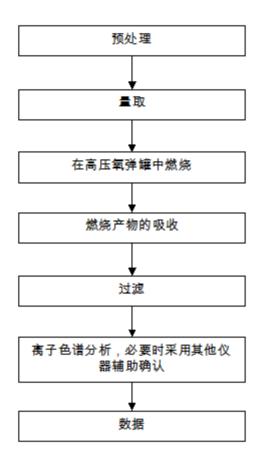
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附件

Halogen 测试流程图

1) 分析人员: 肖戈 2) 项目负责人: 汪丹





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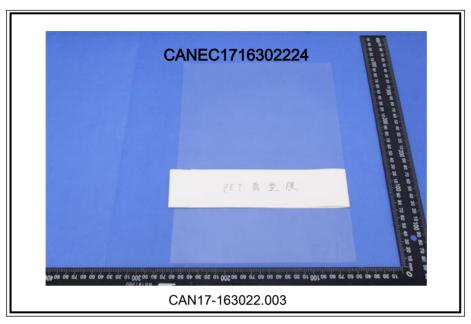
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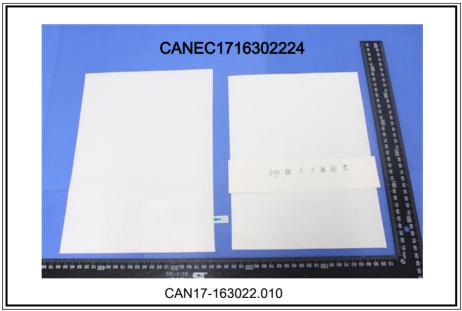
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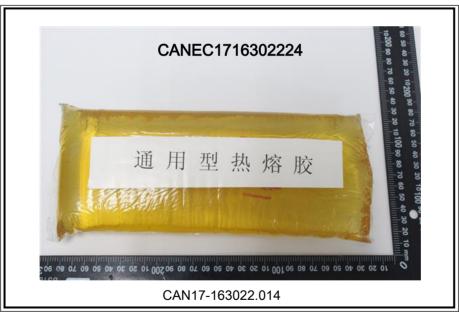
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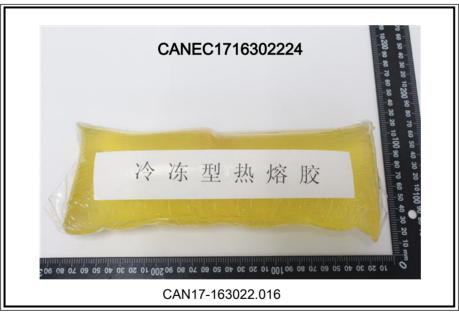
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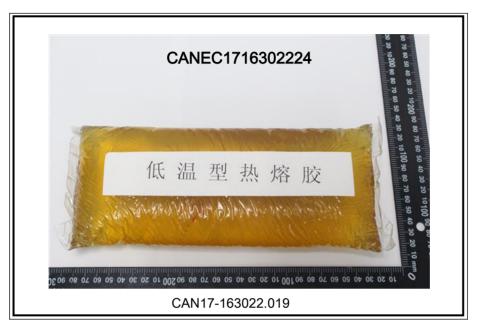
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