

测试报告 No. CANEC1802628338 日期: 2018年03月01日 第1页,共8页

联冠 (中山) 胶粘制品有限公司

广东省中山市东升镇广福大道68号 联冠 (开平) 胶粘制品有限公司 广东省江门市开平市第二(苍城)工业园五区7-8号

以下测试之样品是由申请者所提供及确认:非透明PVC面不干胶贴纸

SGS工作编号: CP18-005667 - GZ

样品接收日期: 2018年02月05日

测试周期: 2018年02月05日 - 2018年02月22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

通标标准技术服务有限公司广州分公司 授权签名

杨公毅

Echo Yeung杨谷毅 批准签署人

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测试报告 日期: 2018年03月01日 第2页,共8页 No. CANEC1802628338

测试结果:

测试样品描述:

样品编号 SGS样品ID 描述

SN1 CAN18-026283.015 带粘性白色片A+带粘性白色片B+带粘性白色片C

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

元素分析, 阻燃剂和邻苯二甲酸酯

测试方法: 参考IEC 62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015和IEC 62321-8:2017, 采用ICP-OES, UV-Vis和GC-MS进行分析

| 测试项目 | <u>限值</u> | <u>单位</u> | <u>MDL</u> | <u>015</u> |
|----------------|-----------|-----------|------------|------------|
| 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 | 8 | 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 |
| 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 |
| | | | | |



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| <u>测试项目</u> | <u>限值</u> | <u>单位</u> | <u>MDL</u> | <u>015</u> |
|-----------------------|-----------|-----------|------------|------------|
| 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 | 39087# |
| 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。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:125863 7.25
- (2) 样品的测试是基于申请人要求混合测试,报告中的混合测试结果不代表其中个别单一材质的含量,该测 试数据仅供参考。

可溶性元素含量

测试方法: 参考EN 71-3:2013+A2:2017, 采用 ICP-OES进行分析。

| 测试项目 | 限值 | 单位 | <u>MDL</u> | <u>015</u> |
|------------------|--------|-------|------------|------------|
| 可溶性铝(AI) | 70,000 | mg/kg | 50 | ND |
| 可溶性锑(Sb) | 560 | mg/kg | 10 | ND |
| 可溶性砷(As) | 47 | mg/kg | 10 | ND |
| 可溶性钡(Ba) | 18,750 | mg/kg | 50 | ND |
| 可溶性硼(B) | 15,000 | mg/kg | 50 | ND |
| 可溶性镉(Cd) | 17 | mg/kg | 5 | ND |
| 可溶性三价铬(Cr (III)) | 460 | mg/kg | 5 | ND |
| 可溶性六价铬(Cr (VI)) | 0.2 | mg/kg | 0.18 | ND |
| 可溶性钴(Co) | 130 | mg/kg | 10 | ND |
| 可溶性铜(Cu) | 7,700 | mg/kg | 50 | ND |
| 可溶性铅(Pb) | 160 | mg/kg | 10 | ND |
| 可溶性锰(Mn) | 15,000 | mg/kg | 50 | ND |
| 可溶性汞(Hg) | 94 | mg/kg | 10 | ND |
| 可溶性镍(Ni) | 930 | mg/kg | 10 | ND |
| 可溶性有机锡 | 12 | mg/kg | - | ND |
| 可溶性硒(Se) | 460 | mg/kg | 10 | ND |
| 可溶性锶(Sr) | 56,000 | mg/kg | 50 | ND |



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测试报告 日期: 2018年03月01日 No. CANEC1802628338 第4页,共8页

测试项目 限值 单位 MDL 015 可溶性锡(Sn) 180.000 mg/kg 4.9 ND 可溶性锌(Zn) 46,000 mg/kg 50 ND

备注:

- 1 可溶性三价铬=可溶性总铬-可溶性六价铬
- 2.如果可溶性总铬的结果,不超过EN 71-3:2013+A2:2017规定的可溶性三价铬和可溶性六价铬的要求,则 不要求做可溶性三价铬和可溶性六价铬的确认性测试。
- 3.如果可溶性总锡的结果,经过换算后不超过EN 71-3:2013+A2:2017规定的可溶性有机锡的要求,则不要 求做可溶性有机锡的确认性测试。
- 4. 样品的测试是基于申请人要求混合测试,报告中的混合测试结果不代表其中个别单一材质的含量,该测 试数据仅供参考。
- 5. 限值由客户提供。

元素分析

测试方法: 参考CPSC-CH-E1002-08.3, 采用ICP-OES分析。

测试项目 限值 单位 **MDL** *015* 总铅 (Pb) 100 20 ND ma/ka

可溶性元素含量

测试方法: 参考ASTM F 963-16 (目录8.3)& EN 71 Part 3:1994 + A1:2000+ AC:2002, 采用ICP-OES进行分 析。

| 可溶性铅(Pb) 90 mg/kg 5 NI 可溶性锑 (Sb) 60 mg/kg 5 NI 可溶性砷 (As) 25 mg/kg 2.5 NI 可溶性钡 (Ba) 1,000 mg/kg 10 NI 可溶性镉(Cd) 75 mg/kg 5 NI | <u> 5</u> |
|---|-----------|
| 可溶性砷 (As) 25 mg/kg 2.5 NI 可溶性钡 (Ba) 1,000 mg/kg 10 NI | D |
| 可溶性钡 (Ba) 1,000 mg/kg 10 NI | D |
| | D |
| 可溶性镉(Cd) 75 mg/kg 5 NI | D |
| · · · · · · · · · · · · · · · · · · · | D |
| 可溶性铬 (Cr) 60 mg/kg 5 NI | D |
| 可溶性汞 (Hg) 60 mg/kg 5 NI | D |
| 可溶性硒 (Se) 500 mg/kg 10 NI | D |

备注:

- (1) 所示可溶性元素结果为调整后结果。
- (2) 样品的测试是基于申请人要求混合测试,报告中的混合测试结果不代表其中个别单一材质的含量,该测



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No. CANEC1802628338

日期: 2018年03月01日 第5页,共8页

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(3) 限值由客户提供。

备注:结果基于混合样品的总重计算。



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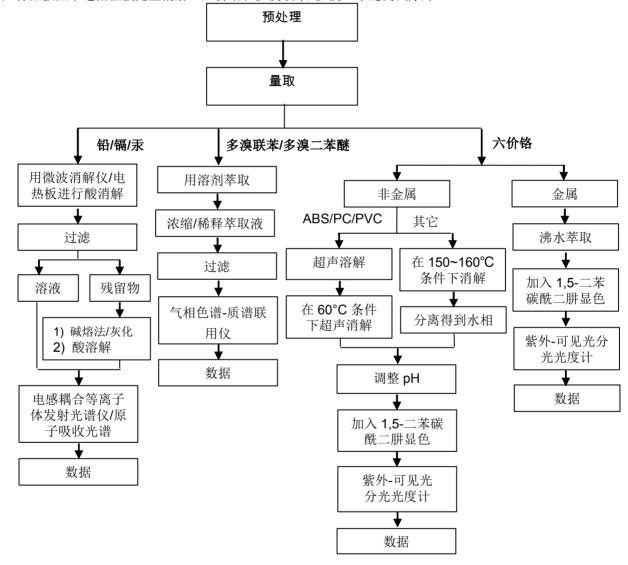
No. CANEC1802628338

日期: 2018年03月01日 第6页,共8页

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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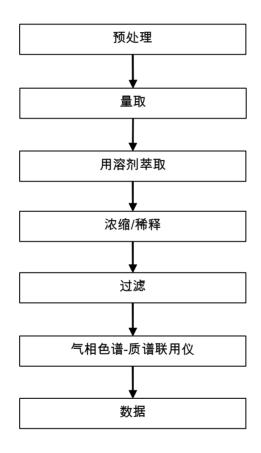
No. CANEC1802628338

日期: 2018年03月01日 第7页,共8页

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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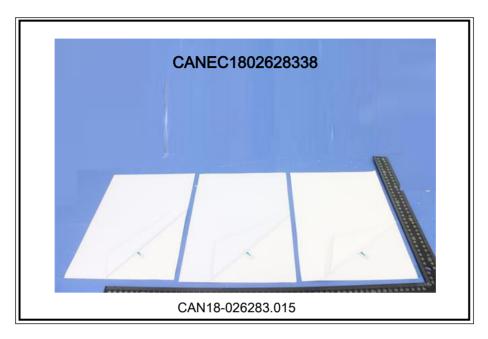
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