

测试报告

No. CANEC1411184801

日期: 2014年07月18日 第1页,共6页

德采化工科技有限公司
福建省石狮市宝盖科技园

以下测试之样品是由申请者所提供及确认: 水性厚板透

SGS工作编号: XM15484747EC - XM
样品接收日期: 2014年07月10日
测试周期: 2014年07月10日 - 2014年07月18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

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Merry Lv 吕爱凤
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 |
|------|------------------|-------|
| SN1 | CAN14-111848.001 | 白色膏状物 |

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

EN71-3:2013 - 可溶性元素含量(类别III:可刮取的玩具材料)

测试方法: 参考EN71-3: 2013, 采用 ICP-OES 进行分析。

| 测试项目 | 限值 | 单位 | MDL | 001 |
|------------------|--------|-------|------|-----|
| 可溶性铝(Al) | 70000 | 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) | 18750 | mg/kg | 50 | ND |
| 可溶性硼(B) | 15000 | 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) | 7700 | mg/kg | 50 | ND |
| 可溶性铅(Pb) | 160 | mg/kg | 10 | ND |
| 可溶性锰(Mn) | 15000 | 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) | 56000 | mg/kg | 50 | ND |
| 可溶性锡(Sn) | 180000 | mg/kg | 4.9 | ND |
| 可溶性锌(Zn) | 46000 | mg/kg | 50 | ND |

备注:



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- 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EN71-3:2013规定的可溶性三价铬和三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EN71-3:2013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。

甲醛

测试方法: SGS内部方法 (GZTC CHEM-SOP-059-03) 测定, 用UV-Vis分析。

| 测试项目 | 单位 | MDL | 001 |
|------|------|------|------|
| 甲醛 | g/kg | 0.02 | 0.05 |

烷基酚聚氧乙烯醚(APEOs)(辛基酚聚氧乙烯醚(OPEOs), 壬基酚聚氧乙烯醚(NPEOs)), 壬基酚 (NP) 和辛基酚(OP)

测试方法: 参考US EPA方法3550C:2007, 用LC-MS分析。

| 测试项目 | 单位 | MDL | 001 |
|-----------------|-------|-----|-----|
| 壬基酚聚氧乙烯醚(NPEOs) | mg/kg | 50 | ND |
| 辛基酚聚氧乙烯醚(OPEOs) | mg/kg | 50 | ND |
| 壬基酚(NP) | mg/kg | 50 | ND |
| 辛基酚(OP) | mg/kg | 50 | ND |

备注:

(1) NP和NPEO参考信息: 1907/2006/EC Reach 附录XVII的修正指令——552/2009/EC第46条(前身为2003/53/EC): 当用于下属用途时, 不允许NP、NPEO质量浓度等于或高于0.1%的物料或者配置品投放市场: 工业和公共机构清洁, 家用清洗, 纺织品和皮革加工, 农业处理系统中的中的乳化剂, 金属加工, 纸浆和纸张的制造, 化妆品, 其他个人护理用品和杀虫剂和生物农药中的复合赋形剂。

详细信息请参见Regulation (EC) No 552/2009。

(2) 需要时用GC-MS确认。

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 | CAS NO. | 单位 | MDL | 001 |
|----------------|---------|--------|-------|-----|
| 邻苯二甲酸二丁酯 (DBP) | 84-74-2 | %(w/w) | 0.003 | ND |



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| 测试项目 | CAS NO. | 单位 | MDL | 001 |
|-----------------------|----------------------------|--------|-------|-----|
| 邻苯二甲酸丁苄酯 (BBP) | 85-68-7 | %(w/w) | 0.003 | ND |
| 邻苯二甲酸二(2-乙基己基)酯(DEHP) | 117-81-7 | %(w/w) | 0.003 | ND |
| 邻苯二甲酸二异壬酯 (DINP) | 28553-12-0 / 68515-48-0 | %(w/w) | 0.010 | ND |
| 邻苯二甲酸二正辛酯 (DNOP) | 117-84-0 | %(w/w) | 0.003 | ND |
| 邻苯二甲酸二异癸酯 (DIDP) | 26761-40-0 / 68515-49-1 | %(w/w) | 0.010 | ND |

备注:

- (1) DBP, BBP, DEHP 参考信息: 1907/2006/EC Reach 附录XVII的修正指令——552/2009/EC 第51条 (前身为2005/84/EC) 的要求:
 - i) 不允许DBP, BBP, DEHP质量浓度高于0.1%的可塑性物料用于玩具和儿童护理品.
 - ii) 当玩具和儿童护理品中的可塑性物料含DBP, BBP, DEHP质量浓度高于0.1%时,不得投放市场. 详细信息请参见Regulation (EC) No 552/2009
- (2) DINP, DNOP, DIDP 参考信息: 1907/2006/EC Reach 附录XVII的修正指令——552/2009/EC 第52条 (前身为2005/84/EC) 的要求:
 - i) 不允许DINP, DNOP, DIDP质量浓度高于0.1%的可塑性物料用于可放入儿童口中的玩具和儿童护理品.
 - ii) 当可放入儿童口中的玩具和儿童护理品中的可塑性物料含DINP, DNOP, DIDP质量浓度高于0.1%时,不得投放市场. 详细信息请参见Regulation (EC) No 552/2009.

备注: 所示结果为湿样品总重量中的含量。



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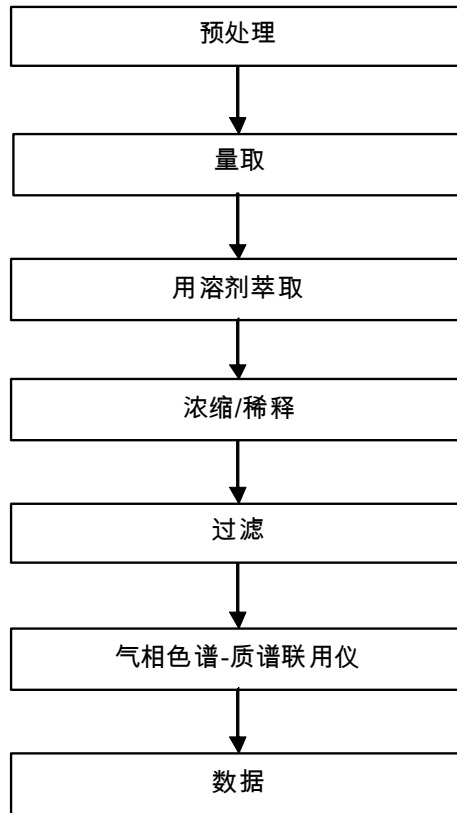
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附件

Phthalates 测试流程图

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