

测试报告

No. SHAEC1309215802

日期: 2013年05月27日 第1页,共6页

上海梅山钢铁股份有限公司
江苏省南京市中华门外新建

以下测试之样品是由申请者所提供及确认: 镀锡普板

SGS工作编号: SP13-014395 - SH
样品接收日期: 2013年05月20日
测试周期: 2013年05月20日 - 2013年05月24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: 基于所送样品的指定部位进行的测试, 镉、铅、汞、六价铬的测试结果符合欧盟RoHS指令2002/95/EC的重订指令2011/65/EU附录II的限值要求。

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JJ Fan 范晶捷
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 |
|------|------------------|-------|
| 1 | SHA13-092158.001 | 银色金属板 |
| 2 | SHA13-092158.002 | 银色金属板 |

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 检测极限值
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

RoHS指令2011/65/EU

测试方法: (1) 酸洗脱镀层,参考IEC62321:2008测定镉,铅,汞,用ICP-OES进行分析.
(2) 参照IEC 62321:2008, 用点测试法/紫外-可见分光光度计比色法测定六价铬的含量.

| 测试项目 | 限值 | 单位 | MDL | 001 |
|-----------|------|-------|-----|-----|
| 铅(Pb) | 1000 | mg/kg | 10 | 87 |
| 镉(Cd) | 100 | mg/kg | 10 | ND |
| 汞(Hg) | 1000 | mg/kg | 10 | ND |
| 六价铬(CrVI) | - | - | ◇ | 阴性 |

备注:

- (1) 最大允许极限值引用自指令2011/65/EU 附录II.
- (2) ◇点测试法:
 阴性= 镀层中未检测到六价铬,阳性 = 镀层中检测到六价铬;
 (当点测试结果为阴性或无法确定时,将采用沸水萃取法作进一步的结果验证.)
 ◇沸水萃取法:
 阴性 = 镀层中未检测到六价铬
 阳性 = 镀层中检测到六价铬;表明50 cm²表面积的被测试样品的沸水萃取液中六价铬的浓度等于或大于0.02 mg/kg
 由于未获知样品的存储条件和生产日期,样品的六价铬测试结果仅能代表测试时样品含六价铬的状态.

全氟辛烷磺酰基化合物(PFOS)和全氟辛酸(PFOA)

测试方法: 参照US EPA 3550C: 2007 方法测定, 采用HPLC-MS进行分析.

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| 测试项目 | 限值 | 单位 | MDL | 002 |
|-----------------------------|----|-------------------|-----|-----|
| 全氟辛烷磺酰基化合物 (PFOS)- 酸,金属盐和酰胺 | 1 | µg/m ² | 1 | ND |
| 全氟辛酸 (PFOA) | - | µg/m ² | 1 | ND |

备注:

最大允许限制引用自欧盟决议EU 757/2010 (前身为1907/2006/EC REACH 附录XVII的修正指令—552/2009/EC第53条) 详细信息请参见Regulation (EC) No 552/2009.

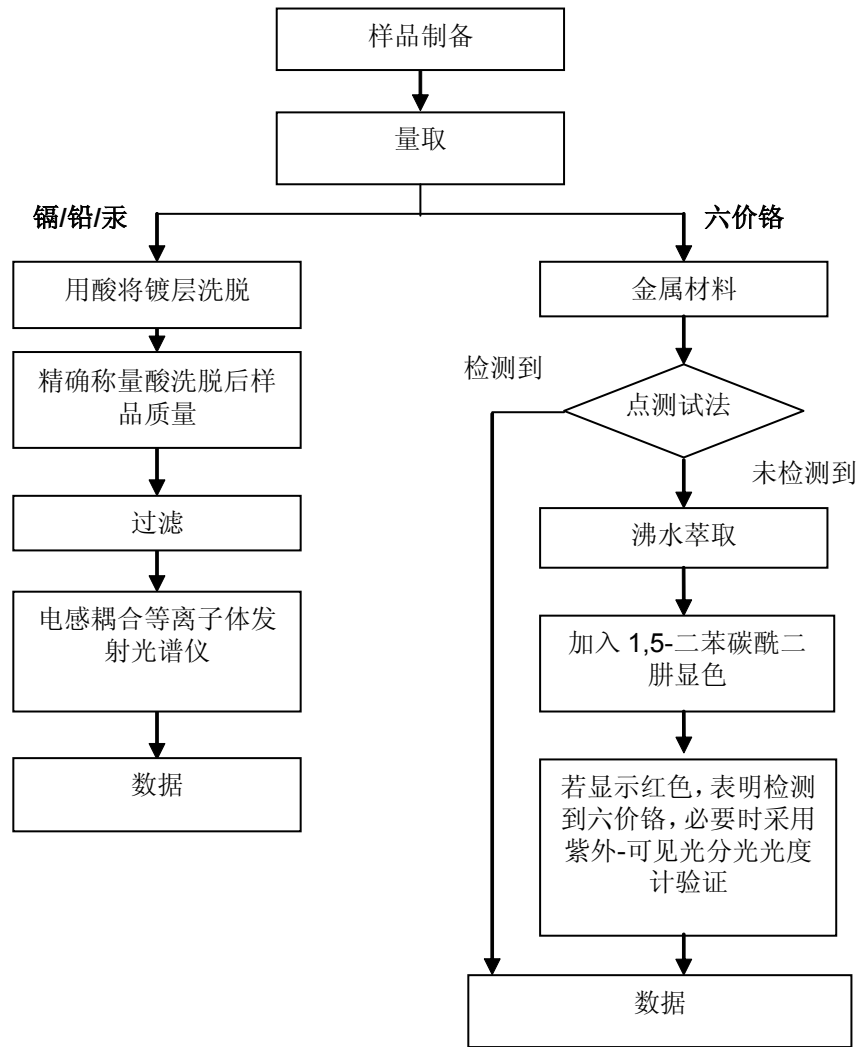
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附件

镀层 Pb/Cd/Hg/Cr⁶⁺测试流程图

- 1) 分析人员: 王彦青/肖飞
- 2) 项目负责人: 张春华/徐亮
- 3) 样品按照下述流程被完全消解 (六价铬测试除外)

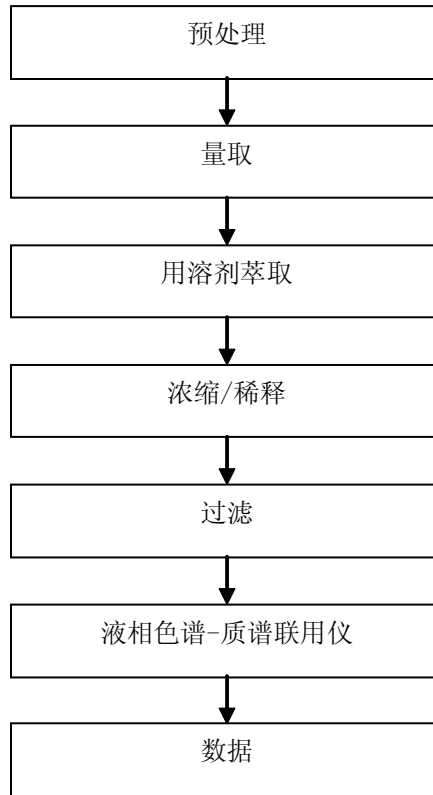


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PFOS/PFOA 测试流程图

- 1) 分析人员: 李晓茹
- 2) 项目负责人: 马永存



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*** 报告完 ***

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