

测试报告

No. CANEC1111532101

日期: 2011年12月08日 第1页,共7页

深圳市泰新伟业电子有限公司

中国深圳市龙岗区布吉街道上雪村金鹏工业区熙骏大厦六楼

以下测试之样品是由申请者所提供及确认: 变压器CGI320 (材料)

SGS工作编号: CP11-011555 - SZ
测试样品信息: CGI320
客户参考信息: M350-G350、EI28-EI96、2W-500W
样品接收日期: 2011年12月05日
测试周期: 2011年12月05日 - 2011年12月08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

授权签名



Kenny Wang 王伟利

批准签署人

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测试结果:

样品部件外观描述:

| 样品编号 | SGS样品ID | 描述 |
|------|------------------|-------------------|
| 1 | CAN11-115321.001 | 白色塑料(半成品) |
| 2 | CAN11-115321.002 | 带粘性的黄色塑料带(半成品) |
| 3 | CAN11-115321.003 | 带深灰色氧化表面的金属片(半成品) |
| 4 | CAN11-115321.004 | 带透明表层的铜色金属线(半成品) |
| 5 | CAN11-115321.005 | 银色电镀金属线(半成品) |

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

元素分析和阻燃剂

测试方法: 参考IEC 62321:2008:

- (1) 用ICP-OES测定镉的含量.
- (2) 用ICP-OES测定铅的含量.
- (3) 用ICP-OES测定汞的含量.
- (4) 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.
- (5) 用GC-MS测定PBBs(多溴联苯)和PBDEs(多溴二苯醚)的含量

| 测试项目 | 单位 | MDL | 001 | 002 | 004 |
|--------------|-------|-----|-----|-----|-----|
| 镉(Cd) | mg/kg | 2 | ND | ND | ND |
| 铅(Pb) | mg/kg | 2 | ND | ND | ND |
| 汞(Hg) | mg/kg | 2 | ND | ND | ND |
| 六价铬(Cr(VI)) | mg/kg | 2 | ND | ND | ND |
| 多溴联苯之和(PBBs) | 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 | |

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| 测试项目 | 单位 | MDL | 001 | 002 | 004 |
|----------------|-------|-----|-----|-----|-----|
| 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) | 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 | |

元素分析

测试方法: 参考IEC 62321:2008:
 (1)用ICP-OES测定镉的含量.
 (2)用ICP-OES测定铅的含量.
 (3)用ICP-OES测定汞的含量.
 (4)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 | 单位 | MDL | 003 | 005 |
|-------------|-------|-----|----------|----------|
| 镉(Cd) | mg/kg | 2 | ND | ND |
| 铅(Pb) | mg/kg | 2 | ND | 9 |
| 汞(Hg) | mg/kg | 2 | ND | ND |
| 六价铬(Cr(VI)) | - | ◇ | Negative | Negative |

备注:

- (1) ◇ = a. Negative 为未检测到六价铬;
 b. Positive 为检测到六价铬.

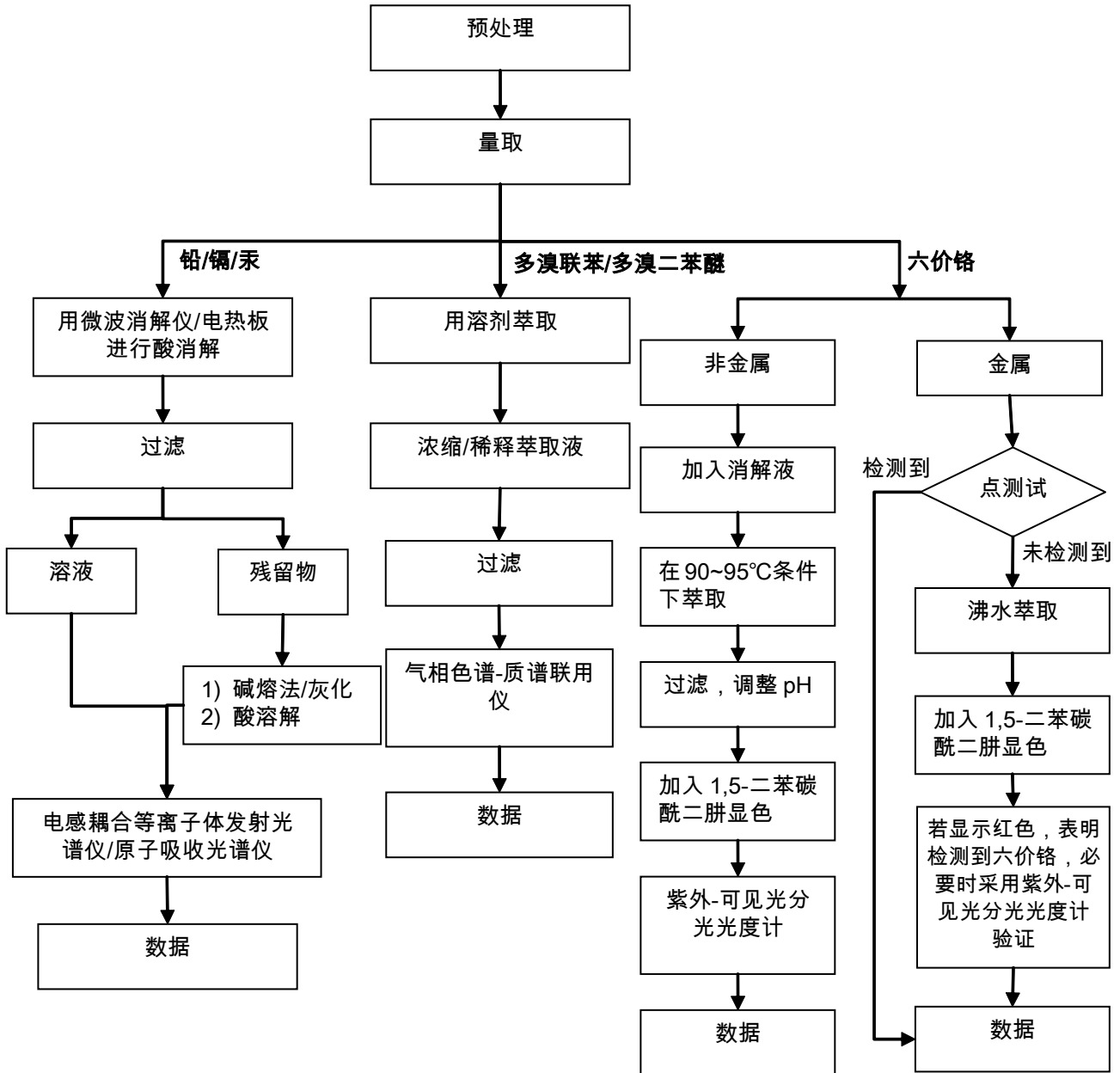
针对金属表面的防腐涂层: 由于未获知样品的存储条件和生产日期, 样品的六价铬测试结果仅代表测试时样品的状态.

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附件

RoHS 测试流程图

- 1) 分析人员: 汪丹 / 余晓璐 / 詹达琦
- 2) 项目负责人: 余奕东 / 杨伟兴
- 3) 样品按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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样品照片:

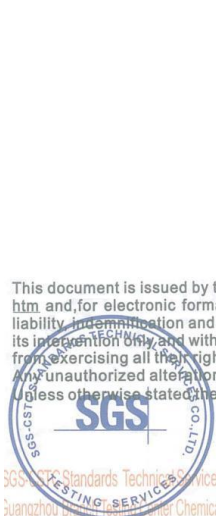


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