

## 测试报告

No. CANEC2122479702

日期: 2021年12月07日 第1页,共7页

深圳琦富瑞电子有限公司

深圳市光明新区公明街道楼村社区鲤鱼河工业园振兴路5号

以下测试之样品是由申请者所提供及确认: Silicone rubber wire and cable

SGS工作编号: CP21-063355 - SZ  
型号: UL3135 12AWG 黑色  
客户参考信息: 请见备注  
样品接收日期: 2021年11月30日  
测试周期: 2021年11月30日 - 2021年12月06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、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。

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陈江梨

Allie Chen陈江梨  
批准签署人

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SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing Center Chemical Laboratory

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No. CANEC2122479702

日期: 2021年12月07日 第2页,共7页

测试结果:

### 测试样品描述:

样品编号	SGS样品ID	描述
SN1	CAN21-224797.001	黑色塑胶外皮

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

### 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+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	限值	单位	MDL	001
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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## 测试报告

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日期: 2021年12月07日 第3页,共7页

测试项目	限值	单位	MDL	001
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)	1,000	mg/kg	50	ND
邻苯二甲酸丁苯酯(BBP)	1,000	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯(DEHP)	1,000	mg/kg	50	ND
邻苯二甲酸二异丁酯(DIBP)	1,000	mg/kg	50	ND

### 备注:

(1)最大允许极限值引用自RoHS指令(EU) 2015/863。

(2) IEC 62321 系列等同于 EN 62321 系列

[https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP\\_ORG\\_ID,FSP\\_LANG\\_ID:1258637,25](https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101:::FSP_ORG_ID,FSP_LANG_ID:1258637,25)

(3) 2021年7月22号开始, DEHP, BBP, DBP 和 DIBP的限制适用于医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器。

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3138、3139、3140、3141、3142、3143、3144、3145、3167、3171、3172、3207、  
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3278、3304、3306、3318、3322、3326、3332、3434、3487、3512、3513、3519、  
3520、3529、3530、3535、3536、3561、3639、3640、3641、3642、3644、3645、  
3566、3580、3585、3605、60245IEC03(YG)、H05S-K、(N)2GFAF、SVT-S、16878/7、  
16878/8C、SF-1、SF-2、SFF-1、SFF-2、QFR-3782、QFR-1110、QFR 3068、QFR 3071、  
QFR 3074、QFR 3122、QFR 3132、QFR 3133、QFR 3135、QFR 3212、QFR 3213、  
3239、QFR 3239-3KV、QFR 3239-6KV、QFR 3239-10KV、QFR 3239-20KV、  
QFR 3239-25KV、QFR 3239-30KV、QFR 3239-40KV、QFR 3304、QFR 3512、RS-GE、  
QFR-SR-F、QFR-SG-E、QFR-SF、QFR-RS-T、QFR-FG4-2、EMTE-MO、EMTE-S、  
QFR-FG4-2、QFR-RS-T、QFR-SG-E、QFR-1110、QFR-3782、SRP080、QFR-SR-F、  
QFR-1110、QFR-0913、QFR-0823、AGG、AGR、JG-500、JG-1000、JG-3000、  
QFR-SR3、QFR-SR6、QFR-RS-GE、E-200/TX/SR 150V,300V,600V、SILICONE RUBBER  
U-SHAPED MATERIAL , CQC SILICONE RUBBER WIRE AND SILICONE RUBBER TUBE



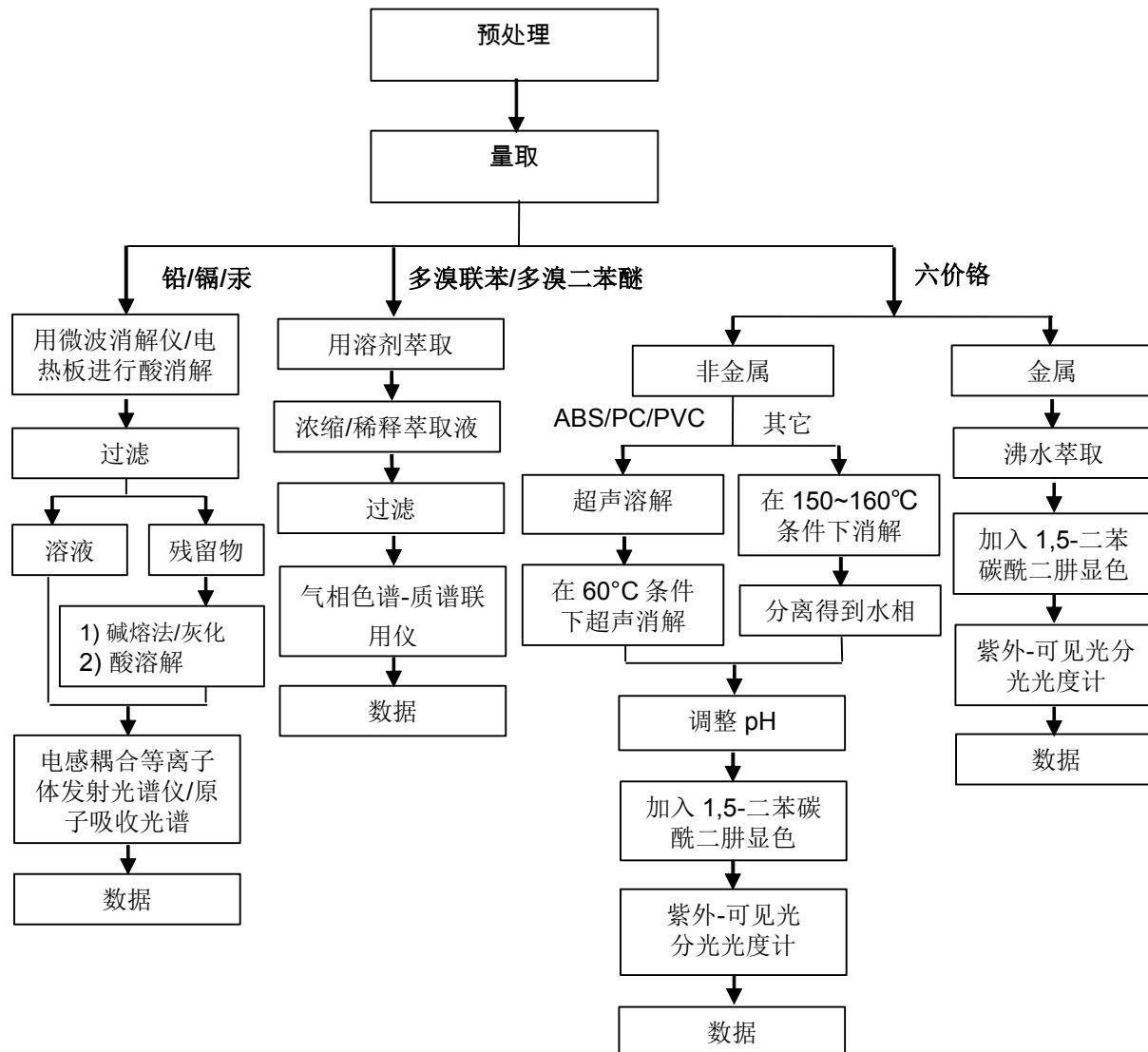
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附件

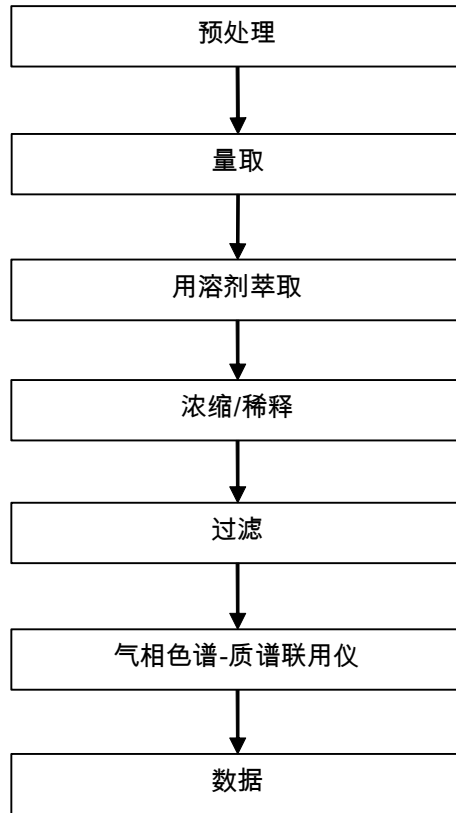
## Pb/Cd/Hg/Cr<sup>6+</sup>/PBBs/PBDEs 测试流程图

1) 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）。



附件

### Phthalates 测试流程图



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