

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
 Http://www.100y.com.tw

测试报告

No. SH8048277/CHEM

Date: Apr. 14, 2008

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委托检验的样品及客户对样品的说明如下:

样品名称 : 破铝漆
 SGS 相关号 : 10952038
 主要成份 : 树脂

样品收到日期 : 2008-04-10
 样品试验日期 : 2008-04-10—2008-04-14

试验要求 : 参照 RoHS 指令 2002/95/EC 及后续修正指令。

试验方法 : 参照 IEC 62321/2nd CDV (111/95/CDV): 电子电器产品中限用物质含量的测定程序
 (1) 用 ICP 测定铜的含量
 (2) 用 ICP 和 AAS 测定铅的含量
 (3) 用 ICP 测定汞的含量
 (4) 用点测试法/比色法测定六价铬的含量

试验结果 : 见后续页

试验结论 : 基于所选样品进行的测试, 测试结果与欧盟 RoHS 指令 2002/95/EC 以及后续修正指令的要求相符。

SGS-CSTC 化学实验室授权签字

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张醒
部门经理

陈金涛
实验室经理

根据客户申请, SGS 出具了此中文报告; 英文版本可根据客户要求提供。 (The Chinese test report is issued according to the applicant's request. The English version is available from SGS if further needed.)

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化学方法的试验结果 (单位: mg/kg)

测试项目:	方法 (参见)	1	MDL	RoHS 限值
镉(Cd)	(1)	ND	2	100
铅(Pb)	(2)	ND	2	1000
汞(Hg)	(3)	ND	2	1000
点测试/沸水萃取法测六价铬(Cr VI)	(4)	Negative	参见备注(4)	#

测试部件外观描述:

1. 银色金属盖

备注:

(1) 毫克每千克=百万分之一(mg/kg=ppm)

(2) ND = 未检出

(3) MDL = 检测极限值

(4) 点测试法:

Negative = 镀层中未检测到六价铬, Positive = 镀层中检测到六价铬;
(当点测试结果 Negative 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:

Negative = 镀层中未检测到六价铬

Positive = 镀层中检测到六价铬, 说明 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.

(5) # = Positive 表示在被测样品上检测到六价铬.

Negative 表示在被测样品上未检测到六价铬.

(6) 最大允许极限值引用自 2002/95/EC RoHS 指令和后续修正指令 2005/618/EC.

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The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Name : HYLAR 460
SGS Ref No. : 10778265 2
Main Substance : POLY(VINYLIDENE FLUORIDE)
Supplier : SOLVAY (SHANGHAI) CO., LTD

Sample Receiving Date : Dec.27, 2007
Testing Period : Dec.27, 2007 – Jan.02, 2008

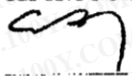
Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321, Ed.1 111/54/CDV
Procedures for the Determination of Levels of Regulated Substances in
Electrotechnical Products
(1) Determination of Cadmium by ICP.
(2) Determination of Lead by ICP.
(3) Determination of Mercury by ICP.
(4) Determination of Hexavalent Chromium by Colorimetric Method.
(5) Determination of PBBs and PBDEs by GC/MS.

Test Results : Please refer to next pages

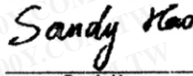
Conclusion : Based on the performed tests on submitted samples, the results comply with the
RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS CSTC Chemical Laboratory



Eta Zhang
Section Manager

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Sandy Hsiao
Lab Manager

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Test results by chemical method (Unit: mg/kg)

Test Item(s):	Method (refer to)	1	MDL	RoHS Limit
Cadmium(Cd)	(1)	ND	2	100
Lead (Pb)	(2)	ND	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	ND	2	1000
Sum of PBBs		ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Heptabromobiphenyl		ND	5	-
Octabromobiphenyl		ND	5	-
Nonabromobiphenyl		ND	5	-
Decabromobiphenyl		ND	5	-
Sum of PBDEs (Note 4)	(5)	ND	-	1000
Monobromodiphenyl ether		ND	5	-
Dibromodiphenyl ether		ND	5	-
Tribromodiphenyl ether		ND	5	-
Tetrabromodiphenyl ether		ND	5	-
Pentabromodiphenyl ether		ND	5	-
Hexabromodiphenyl ether		ND	5	-
Heptabromodiphenyl ether		ND	5	-
Octabromodiphenyl ether		ND	5	-
Nonabromodiphenyl ether		ND	5	-
Decabromodiphenyl ether		ND	5	-
Sum of PBDEs (Mono to Deca)		ND	-	-

Test Part Description:

1. White plastic pellet

Note:

- (1) mg/kg = ppm
- (2) ND = Not Detected
- (3) MDL = Method Detection Limit
- (4) Sum of Mono to NonPBDE & according to 2005/717/EC DecaPBDE is exempt.
- (5) "-" = Not Regulated
- (6) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

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设备内配线用导线
 Appliance wiring material

UL1423

■用途

绕接用
 制作测试治具
 耐高温线路接线用

■标准Standard UL Subject 758

■特性

1. 额定: 额定电压 150V 额定温度 105℃
2. 难燃性UL: VW-1
3. 很好的韧性和延展性
4. 优良的耐热性, 耐油性, 耐低温及化学性能

◆APPLICATION

wire wrapping
 Testing Fistures

◆ Features

1. Rating Rating voltage 150V, rating temperature 105℃
2. Flammability : VW-1
3. Excellent tough and elongation
4. Excellent resistance to heat, oil, cold, chemicals & etc.

■构造和性能

◆ Construction, Properties



构造及性能 CONSTRUCTION & TYPICAL PROPERTIES

UL STYLE No.	绝缘材料	额定(RATING)		导体 (镀银软铜线) CONDUCTOR (Tinned Annealed Copper wire)			绝缘体 INSULATION		Approx. weight 参考重量 kg/km	最大导体电阻 MAX CONDUCTOR RESISTANCE (20℃) (Ω/Km)
		温度 TEMP. (℃)	电压 VOLT (V)	SIZE (AWG)	构成 N/mm	外径 NOM. DIA. (mm)	绝缘厚 NOM. THICK. (mm)	外径 NOM. DIA. (mm)		
1423	PVDF	105	150	32	1/0.203	0.20	0.10	0.40	0.45	56
				30	1/0.254	0.26	0.10	0.46	0.66	34
				28	1/0.32	0.32	0.10	0.52	0.96	21
				26	1/0.4	0.40	0.10	0.60	1.44	13
				24	1/0.51	0.51	0.10	0.71	2.20	86

■备注

1. 电气特性
 最小绝缘电阻 (20℃时): 6328MΩ/km
 耐电压: A.C. 2000V/1min.
2. 标识: UL1423的电线上无标识。

◆ Note

1. Electrical properties
 Min. insulation resistance (at 20° C) : 6328MΩ/km
 Dielectric withstanding voltage : A.C. 2000V/1min
2. Marking : UL1423 is no marking on wire.