PONY (2002)量认(京)字(2040)号 No. L0412

Test report

No: SZ061020-002 Date: 10.25.2006

Client: Shenzhen Eastwin Electronics Co.,Ltd

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

Sample Name: Terminal 端子

Sample Received Date: 10.20.2006

Finished Date: 10.25.2006

Test requested: As specified by client, to determine 1) Lead, 2) Cadmium, 3) Mercury, 4) Hexavalent Chromium of the submitted sample

Test Method: 1) With reference to Method EPA3052 or EPA3050B, Analysis is performed by ICP-AES or AAS
2) With reference to Method EPA3052 or EPA3050B or BSEN1122: 2001 Method B, Analysis is performed by ICP-AES or AAS
3) With reference to Method EPA3052, Analysis is performed by ICP-AES or AAS
4) With reference to Method EPA3060A&EPA7196A, Analysis is performed by UV

Approved by: Song Wei

Tel: Beijing (86-10) 68731306 (86-10) 82618116
Shanghai (86-21) 64839815
E-mail: pony@ponytest.com cs@ponytest.com
http: //www.ponytest.com

PONY

Test report

No: SZ061020-002 Date: 10.25.2006

Test results

Analysis Item	Unit	MDL	RoHS Limit	Test Results
Lead (Pb)	ppm	1	1000	74.0
Cadmium (Cd)	ppm	1	100	5.01
Mercury (Hg)	ppm	1	1000	2.74
Hexavalent Chromium (Cr^{6+})	ppm	1	1000	N.D.

Note: mg/kg=ppm

MDL=Method Detection Limit

N.D.=Not Detected (<MDL)

End of Report

CHEMICAL ANALYSIS

Tel: Beijing (86-10) 68731306 (86-10) 82618116
Shanghai (86-21) 64839815
E-mail: pony@ponytest.com cs@ponytest.com
http: //www.ponytest.com

SGS

测试报告

编号：GZ0701015853/CHEM 日期：2007 年 2 月 5 日 页码 1 of 4

深圳市九鼎制业有限公司
深圳市宝安区公明镇楼尾南坑山粤宝工业区第一幢一楼

以下测试之样品是由申请者所提供及确认：裸铜线 0.05-0.80mm
客户参考信息：TR，Cu

SGS 参考编号	：SZ10247259-2.1
收板日期	：2007 年 1 月 30 日
测试日期	：2007 年 1 月 30 日至 2007 年 2 月 5 日

测试要求 ：按照 RoHS 指令 2002/95/EC 及其修订文件要求进行测试。

测试方法 ：参照 IEC 62321 Ed.1 111/54/CDV 电子电器产品中限用物质含量的测定程序
(1) 用 ICP 测定镉的含量
(2) 用 ICP 测定铅的含量
(3) 用 ICP 测定汞的含量
(4) 用比色法测定六价铬的含量
(5) 用 GC-MS 测定 PBBs(多溴联苯)和 PBDEs(多溴联苯醚)的含量

测试结果 ：请参见下一页

测试结论 ：基于所送样品进行的测试，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。

Signed for and on behalf of
SGS-CSTC Ltd.

Jiang YongPing, Terry
Sr. Engineer

SGS

测试报告 编号：GZ0701015953/CHEM 日期：2007 年 2 月 5 日 页码 2 of 4

测试结果 (单位：毫克/千克)：

测试项目	参考方法	No.1	MDL	RoHS 限值
镉 (Cd)	(1)	N.D	2	100
铅 (Pb)	(2)	11	2	1000
汞 (Hg)	(3)	N.D.	2	1000
点测试法测六价铬(Cr VI)	(4)	Negative	参见注释 5	#
多溴联苯(PBBs)之和	(5)	N.D.	-	1000
单溴联苯		N.D.	5	
二溴联苯		N.D.	5	
三溴联苯		N.D.	5	
四溴联苯		N.D.	5	
五溴联苯		N.D.	5	
六溴联苯		N.D.	5	
七溴联苯		N.D.	5	
八溴联苯		N.D.	5	
九溴联苯		N.D.	5	
十溴联苯		N.D.	5	
多溴联苯醚(PBDEs)之和(单溴联苯醚-九溴联苯醚) (参见注释 4)		N.D.	-	1000
单溴联苯醚		N.D.	5	
二溴联苯醚		N.D.	5	
三溴联苯醚		N.D.	5	
四溴联苯醚		N.D.	5	
五溴联苯醚		N.D.	5	
六溴联苯醚		N.D.	5	
七溴联苯醚		N.D.	5	
八溴联苯醚		N.D.	5	
九溴联苯醚		N.D.	5	
十溴联苯醚		N.D.	5	
多溴联苯醚(PBDEs)之和 (单溴联苯醚-十溴联苯醚)		N.D.	-	-

测试部件描述：
No.1 钢色金属线

SGS

测试报告

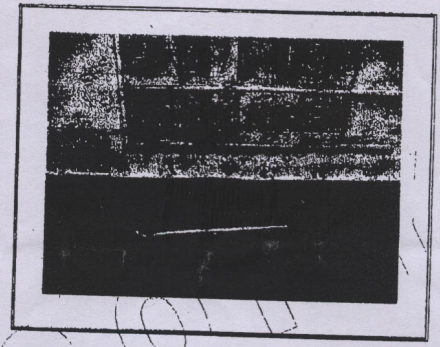
编号：GZ0701015953/CHEM 日期：2007 年 2 月 5 日 页码 3 of 4

注解：1. 毫克/千克 = ppm
2. N.D.= 未检出 (< MDL)
3. MDL = 方法检测限
4. 一溴联苯醚到九溴联苯醚之和。按照 2005/717/EC 十溴联苯醚可豁免。
5. 点测试：
Negative = 未检测到六价铬，Positive = 检测到六价铬；
(如果点测试结果不能确认，测试样品将进一步由沸水萃取法进行测试)。
沸水萃取法：
Negative = 未检测到六价铬
Positive = 检测到六价铬；每 50cm² 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 0.02mg/kg。
6. # Positive = 阳性，表示结果与 RoHS 要求相抵触
Negative = 阴性，表示结果与 RoHS 要求不相抵触
7. "-" = 未规定
8. 本测试报告内容是参照报告编号为 GZ0701015952/CHEM 的中文译本，中英文版本如有歧异，概以英文版为准。

SGS

测试报告 编号：GZ07010015953/CHEM 日期：2007年2月5日 页码 4 of 4

样品照片：



此图片仅限于随 SGS 正本报告使用

*** 报告完 ***

SGS

Test Report No. 2080076/EC Date : Nov 09 2006 Page 1 of 4

SPECIAL PLASTIC CORPORATION
NO.343 TA DUEN 7ST.,
TAICHUNG, TAIWAN R.O.C

Report on the submitted sample said to be TPU.

SGS Job No.	:	1037901
SGS Ref. No.	:	SZ10128617
Sample Receiving Date	:	NOV 02 2006
Testing Period	:	NOV 02 - 09 2006

Test Requested : (1-4) In accordance with RoHS Directive 2002/95/EC, and its amendment directives.
(5) To determine of PCBs (Polychlorinated biphenyl) of submitted sample.
(6) To determine the Tributyltin (TBT), Triphenyltin (TPT) in the submitted sample.

Test Method : (1) With reference to BS EN 1122:2001, Method B for Cadmium content. Analysis was performed by ICP.
(2) With reference to EPA Method 3051A / 3052 for Lead and Mercury content. Analysis was performed by ICP.
(3) With reference to EPA Method 3060A & 7196A for Hexavalent Chromium content. Analysis was performed by colorimetric method (UV-VIS).
(4) With reference to EPA Method 3540C/ 3550C for PBB/ PBDE content. Analysis was performed by GC/MS.
(5) With reference to SGS in-house method. Analysis was performed by GC/ECD.
(6) With reference to DIN EN ISO 17353-2005. Analysis was performed by GC/MS.

Test Results : Please refer to next page.

Conclusion : (1-4) Based on the performed tests on submitted sample, the results comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS Hong Kong Ltd

Wan Chi Wai, Eric
Technical Manager

SGS

Test Report No. 2080076/EC Date : Nov 09 2006 Page 2 of 4

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

1-4)

	1	MDL	Limit
Cadmium(Cd)	n.d.	2	100
Lead (Pb)	n.d.	2	1000
Mercury (Hg)	n.d.	2	1000
Hexavalent Chromium (CrVI) by colorimetric method	n.d.	2	1000
Sum of PBBs	n.d.	-	1000
Monobromobiphenyl	n.d.	5	
Dibromobiphenyl	n.d.	5	
Tribromobiphenyl	n.d.	5	
Tetrabromobiphenyl	n.d.	5	
Hexabromobiphenyl	n.d.	5	
Pentabromobiphenyl	n.d.	5	
Heptabromobiphenyl	n.d.	5	
Octabromobiphenyl	n.d.	5	
Nonabromobiphenyl	n.d.	5	
Decabromobiphenyl	n.d.	5	
Sum of PBDEs (Note 4)	n.d.	-	1000
Monobromodiphenyl ether	n.d.	5	
Dibromodiphenyl ether	n.d.	5	
Tribromodiphenyl ether	n.d.	5	
Tetrabromodiphenyl ether	n.d.	5	
Pentabromodiphenyl ether	n.d.	5	
Hexabromodiphenyl ether	n.d.	5	
Heptabromodiphenyl ether	n.d.	5	
Octabromodiphenyl ether	n.d.	5	
Nonabromodiphenyl ether	n.d.	5	
Decabromodiphenyl ether	n.d.	5	
Sum of PBDEs (Mono to Deca)	n.d	-	

Note :

(1) mg/kg = ppm; 0.1% = 1000 ppm
(2) MDL = Method Detection Limit
(3) n.d. = Not Detected (Less than MDL)
(4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
(5) - = Not Regulated
(6) -- = Not Conducted

SGS

Test Report No. 2060076/EC Date : Nov 09 2006

Test Results (Cont'd) :

5)

Compounds	1	MDL
PCBs (Polychlorinated Biphenyls)	n.d.	5 ppm

Note :
(1) mg/kg = ppm; 0.1% = 1000 ppm
(2) MDL = Method Detection Limit
(3) n.d. = Not Detected (Less than MDL)

6)

Test Item	1	MDL
Tributyltin (TBT)	n.d.	0.02 ppm
Triphenyltin (TPT)	n.d.	0.02 ppm

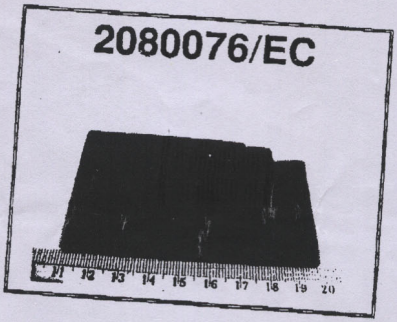
Note :
(1) mg/kg = ppm; 0.1% = 1000 ppm
(2) MDL = Method Detection Limit
(3) n.d. = Not Detected (Less than MDL)

Sample Description :
1. Black Plastic

SGS

Test Report No. 2080076/EC Date : Nov 09 2006

Sample photo :



SGS authenticate the photo on original report only

End of Report

SHENZHEN ELECTRONIC PRODUCT QUALITY TESTING CENTER

深 圳 电 子 产 品 质 量 检 测 中 心

MORLAB

摩尔实验室

TEST REPORT

检 测 报 告

Report No. 报告编号	SZ06120071R01
Sample 样品名称:	Plastic 塑胶件
Test Item 测试项目:	Phthalates 邻苯二甲酸酯
Customer 申请单位:	SHENZHEN EASTWIN ELECTRONICS Co., LTD 深圳市胜东达电子有限公司
Data 日 期:	2006-12-21

Checked by 审核: Approved by 核准:

2006.12.21 2006.12.21

CNAL

No.L1659

MORLAB

CET

TEST REPORT

Report No.: 报告编号	SZ07030056R01
Sample Name: 样品名称	Electrical wire 电线
Mark & type: 样品型号	UL electrical wire UL 电线
Test Item: 测试项目	DBP,DNOP,DEHP,DINP,BBP,DIDP
Date: 日期	2007-03-22

prepared for

SHENZHEN EASTWIN ELECTRONICS Co., Ltd
深圳市胜东达电子有限公司
11th building, Nan Wan industrial estate, Nanshan District,
Shenzhen, 518055 P. R. China

prepared by

Shenzhen Electronic Product Quality Testing Center
Morlab Laboratory
深圳电子产品质量检测中心 摩尔实验室
3/F, Electronic Testing Building, Shahe Road, Xili,
Nanshan District, Shenzhen, 518055 P. R. China
Tel: +86 755 86130398 Fax: +86 755 86130218

No.L1659

MORLAB

Report No.: SZ07030056R01

Sample Name 样品名称：Electrical wire 电线

Sample Type 样品型号：UL Electrical wire UL 电线

Material 样品材质： plastic 塑胶

Sample Received Date 样品接收日期：2007-03-20

Testing Date 测试日期：2007-03-20～2007-03-22

Test Method 测试方法：with reference to ASTM3421-75 or US EPA 8270C, analysis was performed by GC-MS（参考 ASTM3421-75/US EPA 8270C，用 GC-MS 检测）

Test Result 测试结果：

No.	Test Item 测试项目	Unit 单位	Sample Concentration 含量 (MDL=0.01)
1	bis (2-ethylhexyl) phthalate (DEHP) 邻苯二甲酸（2-乙基）乙酯	%	N.D.
2	dibutyl phthalate (DBP) 邻苯二甲酸二丁酯	%	0.03%
3	benzyl butyl phthalate (BBP) 邻苯二甲酸苄基丁酯	%	N.D.
4	di-"isononyl" phthalate (DINP) 邻苯二甲酸二异壬酯	%	N.D.
5	di-"isodecyl" phthalate (DIDP) 邻苯二甲酸二异癸酯	%	N.D.
6	di-n-octyl phthalate (DNOP) 邻苯二甲酸二辛酯	%	N.D.

Remark 备注：

(1)、N.D. = Not Detected（<MDL）（未检出）

(2)、MDL = Method Detection Limit（方法检测极限）

—End of Report—

Checked by 审核：

Approved by 核准：

Sample Name 样品名称：Plastic 塑胶件

Sample Type 样品型号：Connector plugs 插头

Sample Received Date 样品接收日期：2006-12-19

Testing Date 测试日期：2006-12-20～2006-12-21

Test Method 测试方法：with reference to ASTM3421-75 or US EPA 8270C, analysis was performed by GC-MS（参考 ASTM3421-75/US EPA 8270C，用 GC-MS 检测）

Test Result 测试结果：

No.	Test Item 测试项目	Unit 单位	Sample Concentration 含量 (MDL=0.01)
1	bis (2-ethylhexyl) phthalate (DEHP) 邻苯二甲酸（2-乙基）乙酯 CAS No 117-81-7	%	N.D.
2	dibutyl phthalate (DBP) 邻苯二甲酸二丁酯 CAS No 84-74-2	%	N.D.
3	benzyl butyl phthalate (BBP) 邻苯二甲酸苄基丁酯 CAS No 85-68-7	%	N.D.
4	di-"isononyl" phthalate (DINP) 邻苯二甲酸二异壬酯 CAS No 28553-12-0	%	N.D.
5	di-"isodecyl" phthalate (DIDP) 邻苯二甲酸二异癸酯 CAS No 26761-40-0	%	N.D.
6	di-n-octyl phthalate (DNOP) 邻苯二甲酸二辛酯 CAS No 117-84-0	%	N.D.

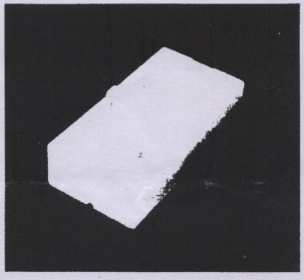
Remark 备注:

(1)、N.D. = Not Detected（<MDL）（未检出）

(2)、MDL = Method Detection Limit （方法检测极限）。

— End of Report 报告结束 —

Annex 附: Photo of Sample 样品照片



深圳电子产品检测中心摩尔实验室 Shenzhen Morlab Communications Technology Co.,Ltd.
地址：深圳南山区西丽沙河路电子检测大厦 三楼 邮政编码：518055
Address: 11L,3,Electronic Testing Buiding,Shahe Road,Xili,Nanshan District,Shenzhen,China Post Code: 518055