

1 2 3 4 5 6 7 8 9 10

G

F

E

D

C

B

A

G

F

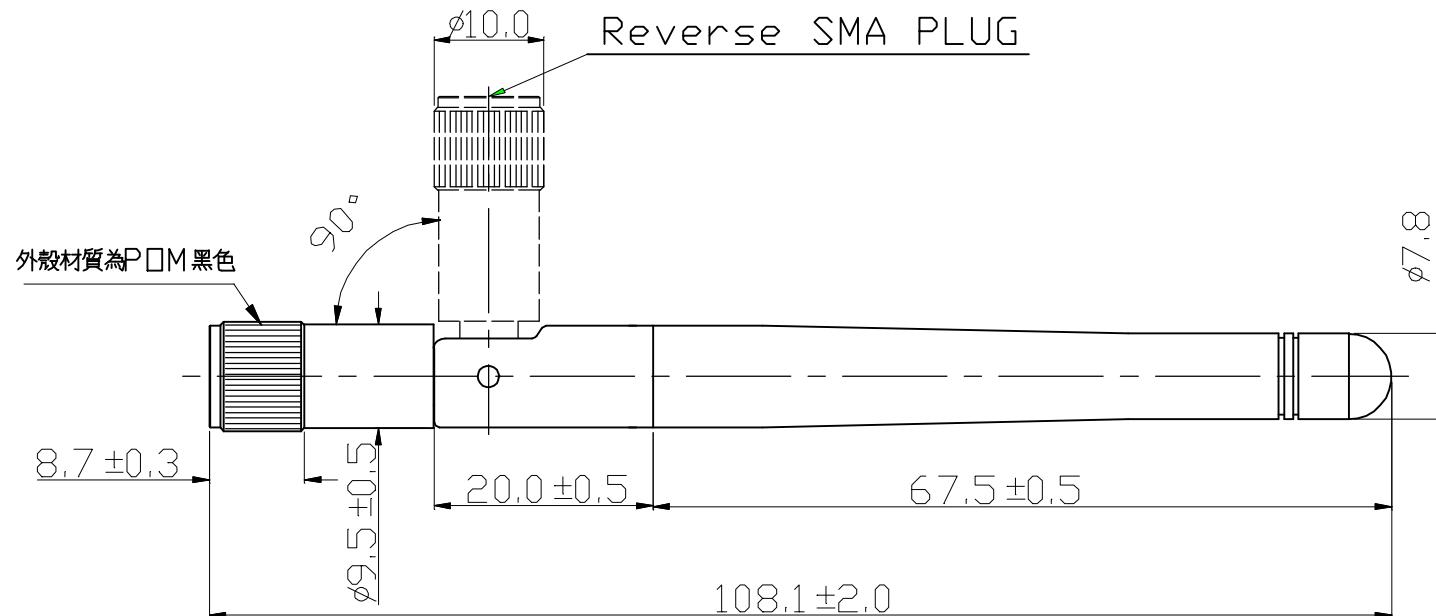
E

D

C

B

A



本產品需符合 RoHS SONY00259 其它
※禁止使用本公司所禁用之有毒物質

				-TOLERANCES-		利德五金塑膠（深圳）有限公司	
				UNLESS OTHERWISE SPECIFIED		LITE METAL & PLASTIC (SHEN ZHEN) CO.,LTD.	
				公差參考		TITLE:	
A0	NEW DWG	寧小兵	07/07/27	X.X ± 0.20	X.X° $\pm 3^\circ$	APPD:	DWG NO:
REV	ECN.NO:	BY	DATE	X.XX ± 0.10	X.XX° $\pm 1^\circ$	標準:	產品編號: CAR-ATR-180-001
				X.XXX ± 0.05	X.XXX° $\pm 0.5^\circ$	CHECK:	
						DRAW:	繪圖: 寧小兵
						DATE	SCALE UNIT PAGE
						2007.07.27	FREE mm 1
1	2	3	4	5	6	7	8
9	10						

TECHNICAL DATA

Material/Finish:

	Material	Finish
Connector body	Brass	Over Ni
Center PIN	Brass	Gold Plated 2U "
Insulator	PTFE	None
Plastic	PC+PBT (black)	None
Plastic	TPEE (black)	None

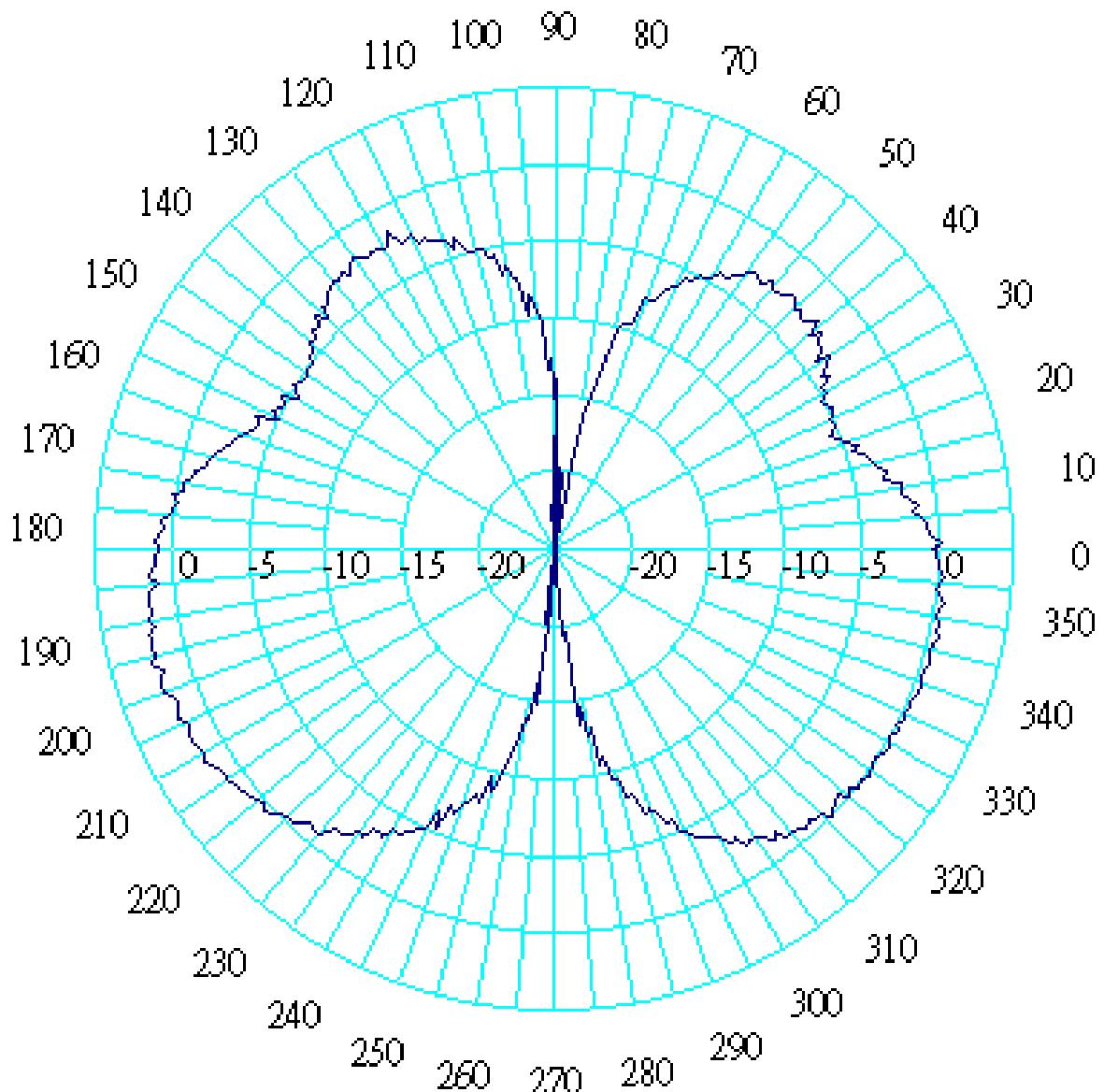
Electrical:

Frequency Range	2.4-2.5GHz
Nominal Impedance	50
VSWR	2.0 MAX
Gain	2.0d Bi MIN
Radiation	Omni
Polarization	Vertical

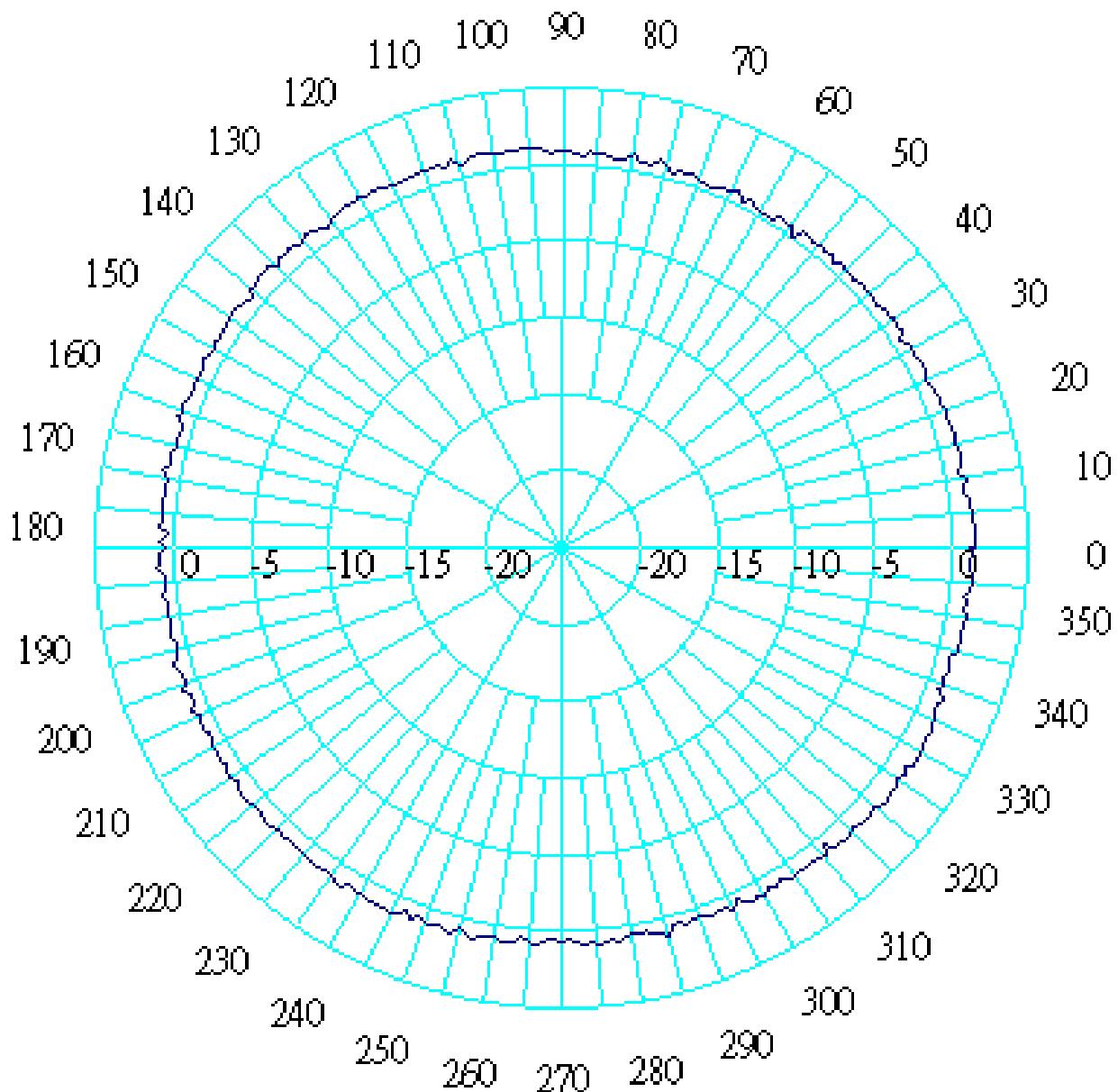
Mechanical & Environmental

Durability	500 Cycles MIN
Temperature Range	-55 to +165
Relative Humidity	MIL-STD-202, method 106
Vibration	MIL-STD-202, method 213
Corrosion	MIL-STD-202, method 101

E-Plain Field Pattern



H-Plain Field Pattern



2007/07/27 Fri 14:00:31

RECALL

CH2 S22

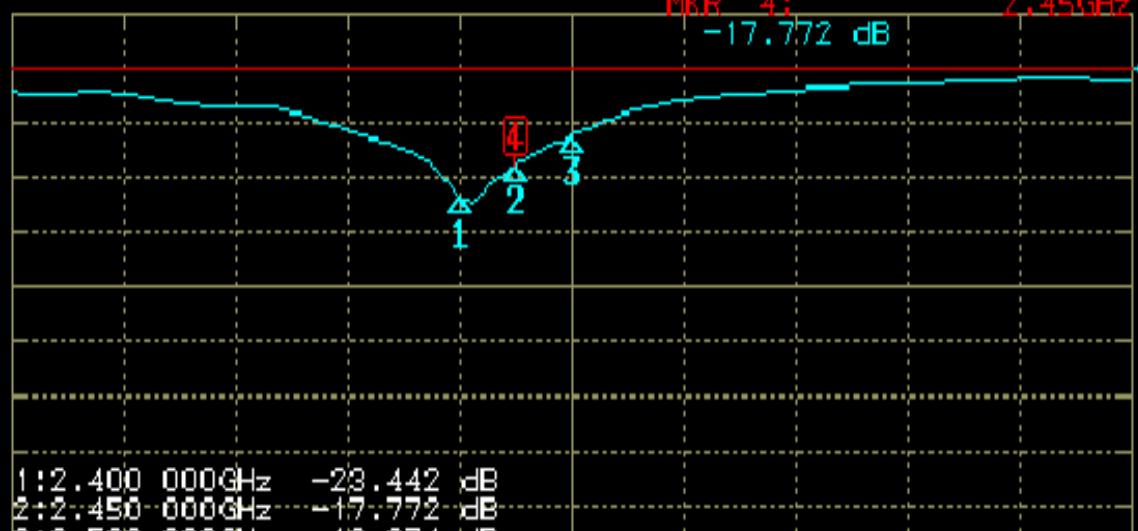
LOG MAG

REF 0.000 dB

10.000 dB/

MKR 4:
-17.772 dB
2.45GHz

Cor



CENTER 2.5GHz

[8.00 dBm]

SPAN 1GHz

More 2/4

2007/07/27 Fri 14:00:56

FORMAT

CH2 S22

SWR

REF

1.000

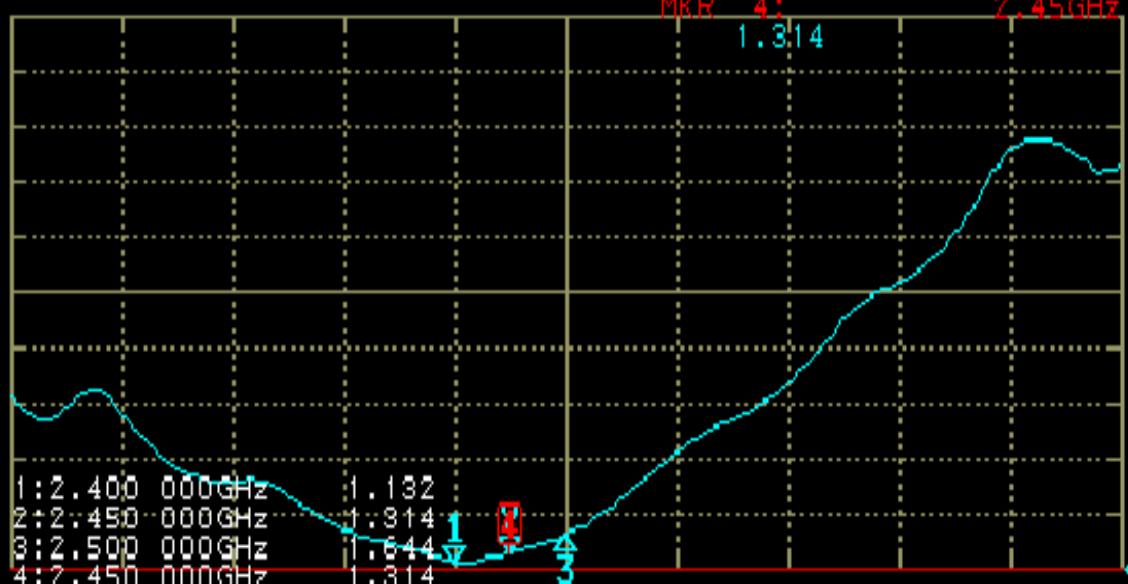
1.000 /

MKR 4:

1.314

2.45GHz

Cor



LOG MAG & PHASE

LOG MAG & DELAY

LIN MAG & PHASE

More 2/2

2007/07/27 Fri 14:01:24

FORMAT

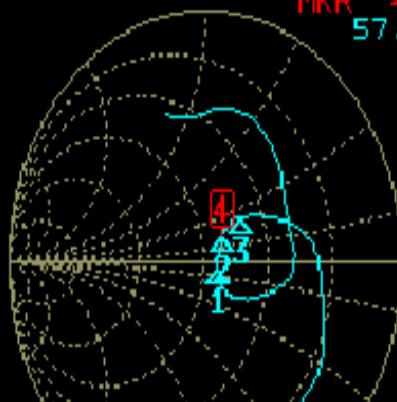
CH2 S22

SMITH(G+jB)

FS 1.000

MKR 4:
57.917 Ω2.45GHz
11.972 Ω

Cor

1:2.400 000GHz
2:2.450 000GHz
3:2.500 000GHz
4:2.450 000GHz56.556 Ω
57.917 Ω
65.221 Ω
57.917 Ω-2.420 Ω
11.972 Ω
24.323 Ω
11.972 Ω27.398pF
777.725pH
1.548nH
777.725pH

CENTER 2.5GHz

[8.00 dBm]

SPAN 1GHz

LIN MAG

More 1/2

>

Certificate of Analysis for LG

Product Information

Material: TPEE

Grade: BT-1055D

TYPICAL PROPERTIES	VALUE	UNIT	TEST METHOD
Tensile Strength	13	Mpa	D638
Elongation	635	%	D638
Flexural Strength	6	Mpa	D638
Flexural Modulus	195	Mpa	D790
IZOD Impact Strength 1/8	--	J/in	D256
Hardness	55	Shore	D2240
Mold Shrinkage	1.2	%	D955
Heat Deflection Temp(1.82)	80	°C	D648
Density	1.19	g/cm ³	D792
Flammability Rating	HB	UL94	



Qiangyu Engineering
Plastics Co., Ltd

SGS

Test Report No. F680601/LF-CTSGP00-05581

Date: March 17.2007

Page 1 of 3

To: LG CHEM, LTD.
LG twin tower, 23
Yoido-dong
Youngdungpo-gu
SEOUL 150-721
Korea

The following merchandise was submitted and identified by the client as

Commodity : KEYPLEX BT-10650

SGS File No. : GR08-05581

Received Date : March 10.2007

Test Performing Date : March 13.2007

Test Performed : SGS Testing Korea tested the sample(s) selected by applicant wth following results

Test Results : For further details, please refer to following page(s)

SGS Testing Korea Co. Ltd.

Brendan Lee
Monet Jeong
Jilly Oh
Jerry Jung
(Testing Person)

Jeff. Jay

Jeff. Jay / Technical Mgr

Jason Han

Jason Han / Lab Director



This Test Report is issued to the Company subject to its General Conditions of Service prior approval. Attention is drawn to the limitation of liability, indemnification and jurisdiction clauses defined therein. The results shown in this test report refer only to the samples tested unless otherwise stated. The Test Report cannot be reproduced, except in full, without written permission of the Company.

SGS**Test Report No. F600501/LF-CTSGP06-05581**

Date: March 17, 2007

Page 2 of 3

Sample No.: GP06-05581.001
 Sample Description: KEYFLEX BT-1065D
 Style/Item No.: N/A
 Heavy Metals:

Test Items	Unit	Test Method	MDL	Results
Cadmium(Cd)	mg/kg	EN 1172(2001), US EPA 6010B(1998)	0.5	N.D.
Lead (Pb)	mg/kg	US EPA 3050B(1990), US EPA 6010B(1998)	5	N.D.
Mercury (Hg)	mg/kg	US EPA 3052(1990), US EPA 6010B(1998)	2	N.D.
Hexavalent Chromium (Cr-VI)	mg/kg	US EPA 5080A(1998), US EPA 7190A(1992)	1	N.D.

Flame Emission-ICP/ICP-MS/ICP-MS

Test Items	Unit	Test Method	MDL	Results
Mono(bromobiphenyl)	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Dibromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Trichlorobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tetrabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Heptabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Hexabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Penta(bromobiphenyl)	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Octabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Nanabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Decabromobiphenyl	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Monobromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Dibromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Trichlorodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Tetra(bromodiphenyl ether)	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Hexas(bromodiphenyl ether)	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Penta(bromodiphenyl ether)	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Octabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Nanabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.
Decabromodiphenyl ether	mg/kg	US EPA 3540C, GC/MS	5	N.D.

NOTE: (1) N.D. = Not detected (<MDL)

(2) ppm = mg/kg

(3) MDL = Method Detection Limit

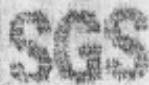
(4) -> No regulation

(5) *+ Qualitative analysis (No Unit)

(6) Negative = Undetectable / Positive = Detr.able

This test report is issued by the Company subject to its General Conditions of Service, dated October, 1997. Analysis is limited to the substances of laboratory determination and additional issues raised through the results shown in the test report. The test report is the sole responsibility of SGS China Limited. This test report cannot be reproduced, except with written permission from the Company.





Test Report No. F690504/LF-CTSGP(X)-05581

Date: March 17, 2007

Page 3 of 3

Picture of Sample as Received:



... End ...

- NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) + = No regulation
(5) Q = Qualitative analysis (No Unit)
(6) Neg/Neg = Undetectable / Positive = Detectable

This Test Report is issued by the Contract Laboratory to SGS-Certified Services Co., Ltd. According to the instructions of Party, independent and confidential analysis is carried out. The results shown in this test report refer only to the samples tested unless otherwise stated. This Test Report cannot be reproduced, except at the written request of the Company.



聚甲醛 (POM) 性能

综合性能

密度: 1.43
结晶度: 75%—85%
机械强度: 较高
成型加工温度范围: 约 10°C
熔点: 175°C

机械性能

伸强度: 70 MPa
拉伸弹性模数: 2.9 GPa
伸长率: 15%
压缩强度: 127 MPa
挠曲强度: 98 MPa
冲击强度: 108 KJ / m²

热性能

比密: 704 cm³/kg
吸水率 (24h): 0.25%
成型收缩率: 2.0%—2.5%
马丁耐热性: 60°C—64°C
连续耐热性: 85°C

电性能

介电系数 (60Hz, 10Hz) 3.7
介电损耗 (60Hz, 10Hz) 0.004
电阻率: 6×10 Ω cm



测试报告 编号 : GZ0701146228/CHEM 日期 : 2007年1月12日 页码 1 of 4

鼎达塑胶原料(东莞)有限公司
东莞市樟木头塑胶市场

本报告是基于所提供的名称“POM”的样品所做的测试

客户参考信息: 型号: M90-44

SGS参考编号	SZ10085011
收板日期	2007年1月6日
测试日期	2007年1月6日至2007年1月12日
测试要求	(1) 委托测试样品中的铅、镉、汞和六价铬含量。 (2) 委托测试样品中的多溴联苯、多溴联苯醚的含量。
测试方法	(1) 铅含量-参照 EPA 3050B: 1996 & 其它酸消解。 镉含量-参照 BS EN1122: 2001 方法 B & 其它酸消解。 汞含量-参照 EPA 3052: 1996 & EPA 7473: 1998 & 其它酸消解。 六价铬含量-参照 EPA 3060A: 1996 & EPA 7196A: 1992。 分析仪器为火焰原子吸收光谱仪 (AAS) & 电感耦合等离子体发射光谱仪 (ICP-AES) & 测汞仪 & 紫外分光光度计 (UV-VIS)。 (2) 参照 EPA 3540C & EPA 3550C。分析仪器为 GC-MS。
测试结果	请参见下一页
结论	根据要求进行测试: 报告中显示的测试结果未超过 2002/95/EC (RoHS) 的补充文件 2005/618/EC 规定的限值。

Signed for and on behalf of
SGS-CSTC LTD.

Wang Honglei, Leo
Sr.Engineer

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies for all day counts. This Test Report shall not be reproduced except in full, without written approval of the Company.

SGS-CSTC Standard Technical Services Co., Ltd
Guangzhou Scientific Testing Laboratory

中国·广州·经济技术开发区科学城科捷路198号 邮编: 510663 t (86-20)82155555 f (86-20)82075125 www.cn.sgs.com
sgs-china@sgs.com

Member of the SGS Group (SGS SA)

POM-2



测试报告

编号 : GZ0701146228/CHEM

日期 : 2007年1月12日 页码 2 of 4

测试结果:

(1)

项目	单位	MDL	塑胶粒	限值
铅含量(Pb)	毫克/千克	2	6	< 1000 毫克/千克
镉含量(Cd)	毫克/千克	2	N.D.	< 100 毫克/千克
汞含量(Hg)	毫克/千克	2	N.D.	< 1000 毫克/千克
六价铬含量[Cr(VI)]	毫克/千克	2	N.D.	< 1000 毫克/千克

说明 : -N.D. = 未检出 (< MDL)
 -MDL = 方法检测限
 -毫克/千克 = ppm

(2)

项目	单位	MDL	塑胶粒	限值
阻燃剂				
多溴联苯 (PBBs)				< 1000 毫克/千克
一溴联苯	毫克/千克	5	N.D.	
二溴联苯	毫克/千克	5	N.D.	
三溴联苯	毫克/千克	5	N.D.	
四溴联苯	毫克/千克	5	N.D.	
五溴联苯	毫克/千克	5	N.D.	
六溴联苯	毫克/千克	5	N.D.	
七溴联苯	毫克/千克	5	N.D.	
八溴联苯	毫克/千克	5	N.D.	
九溴联苯	毫克/千克	5	N.D.	
十溴联苯	毫克/千克	5	N.D.	
多溴联苯醚 (PBDEs) (单溴联苯醚—九溴联苯醚)				< 1000 毫克/千克
单溴联苯醚	毫克/千克	5	N.D.	
二溴联苯醚	毫克/千克	5	N.D.	
三溴联苯醚	毫克/千克	5	N.D.	
四溴联苯醚	毫克/千克	5	N.D.	
五溴联苯醚	毫克/千克	5	N.D.	
六溴联苯醚	毫克/千克	5	N.D.	
七溴联苯醚	毫克/千克	5	N.D.	
八溴联苯醚	毫克/千克	5	N.D.	
九溴联苯醚	毫克/千克	5	27	
十溴联苯醚*	毫克/千克	5	22	

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies contained therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 60 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.





POM-3

测试报告

编号 : GZ0701146228/CHEM

日期 : 2007年1月12日 页码 3 of 4

说明 : -N.D.=未检出(<MDL)

-MDL=方法检测限

-毫克/千克=ppm

-^a: 2002/95/EC 的补充文件 2005/717/EC 禁化了十溴联苯醚的使用限制。

备注: 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).

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 60 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

SGS-CSTC Shantou Technical Services Co., Ltd
SGS-CSTC Guangzhou Scientific & Technology Development Division, Guangzhou, China 510633

191820 Road, SCIENTECH Park, Guangzhou Economic & Technology Development Division, Guangzhou, China 510633
中国·广州·经济技术开发区科学城科瑞路1918号 邮编:510633 电话:(86-20)82156655 传真:(86-20)82075125
www.cn.sgs.com cgt-china@sgs.com

Member of the SGS Group (SGS SA)



POM-3

测试报告

编号 : GZ0701146228/CHEM

日期 : 2007年1月12日 页码 3 of 4

说明 : -N.D.=未检出(<MDL)

-MDL=方法检测限

-毫克/千克=ppm

-^a: 2002/95/EC 的补充文件 2005/717/EC 禁化了十溴联苯醚的使用限制。

备注: 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).

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 60 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

SGS-CSTC Shantou Technical Services Co., Ltd
SGS-CSTC Guangzhou Scientific & Technology Development Co., Ltd

191820 Road, SCIENTECH Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663
中国·广州·经济技术开发区科学城科珠路1918号 邮编:510663 T (86-20)82156655 F (86-20)82075125
www.cn.sgs.com E cgtv@sgs.com

Member of the SGS Group (SGS SA)

PC/PBT性能指标

测试项目 Test Properties	测试方法 Test method (ASTM)	单位 Unit	PC/PBT
密度 Density	D792	g/cm ³	1.55
熔体流动指数 Melt Flow Index	D1238	g/10min	
硬度 Rockwell Hardness	D785	R-Scale	120
伸张强度 Tensile Strength	D638	MPa	100
伸张率 Tensile Elongation	D638	%	4
弯曲强度 Flexural Strength	D790	MPa	150
弯曲模数 Flexural Module	D790	MPa	1000
悬臂梁冲击强度 ZOD Impact Strength 23°C	D256	kg. cm/cm	14.0
模收缩率 Mould Shrinkage	D955	%	0.2-0.6
热变形温度 HDT (18.6kg/cm ²)	D648	°C	180
玻纤含量 Glass Fiber content	灼烧法	%	30.0
吸水率 Water Absorption	D-570	% 23°C, 24hr	0.1
燃烧性 Flammability	UL-94	class	V-0
特性 Speciality		环保阻燃增强级 Glassfibre reinforced	





Test Report

Report No.:SZR0704211189102

Date :Apr. 26, 2007

Page 1 of 5

Client :SAN YU PLASTICS CO., LTD

Address :BUILDING B2 EAST JIAN FU INDUSTRIAL PARK DA YANG DEVELOPMENT
AREA FUYONG TOWN, SHENZHEN CITY

Report on the submitted sample said to be:

Sample Name :PC/PBT

Tested Component Description :White plastic grains

Sample Received Date :Apr. 21, 2007

Completed Date :Apr. 26, 2007

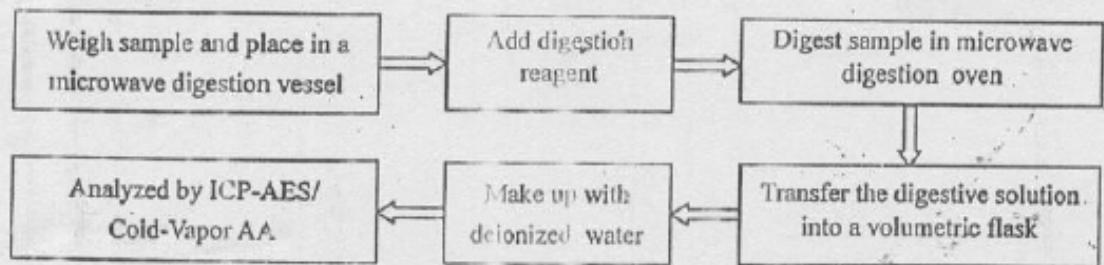
Test Requested :As specified by client to determine the Lead, Mercury, Cadmium, Hexavalent Chromium, PBBs&PBDEs contents in the submitted sample.

Test Method:

Tested Item	Pretreatment Method	Measured Equipment	Report Limit
Lead (Pb)	Refer to US EPA 3052:1996	ICP-AES	2 ppm
Mercury (Hg)	Refer to US EPA 3052:1996	Cold-Vapor AA	2 ppm
Cadmium (Cd)	Refer to EN 1122:2001 method B	ICP-AES	2 ppm
Hexavalent Chromium (Cr ⁶⁺)	Refer to US EPA 3060A:1996	UV-Vis	0.05ppm
Polybrominated Biphenyls (PBBs)	Refer to US EPA 3540 C:1996	GC-MSD	5 ppm
Polybrominated Diphenyl Ethers (PBDEs)	Refer to US EPA 3540 C:1996	GC-MSD	5 ppm

Test Process :

1. Test for Pb/Hg Contents.





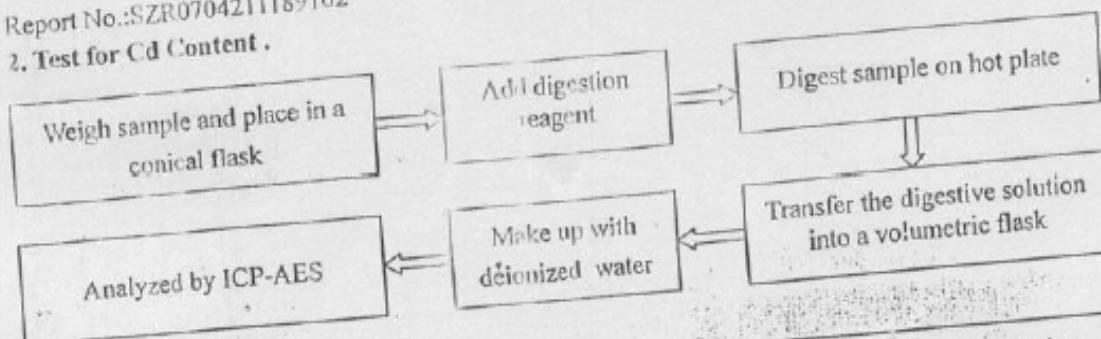
Test Report

Report No.:SZR0704211189102

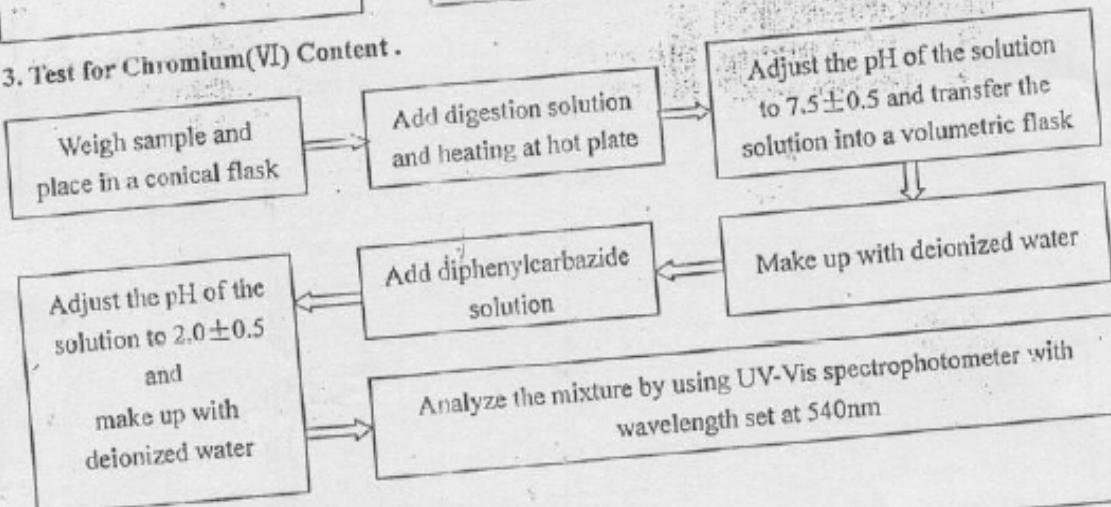
Date :Apr. 26, 2007

Page 2 of 5

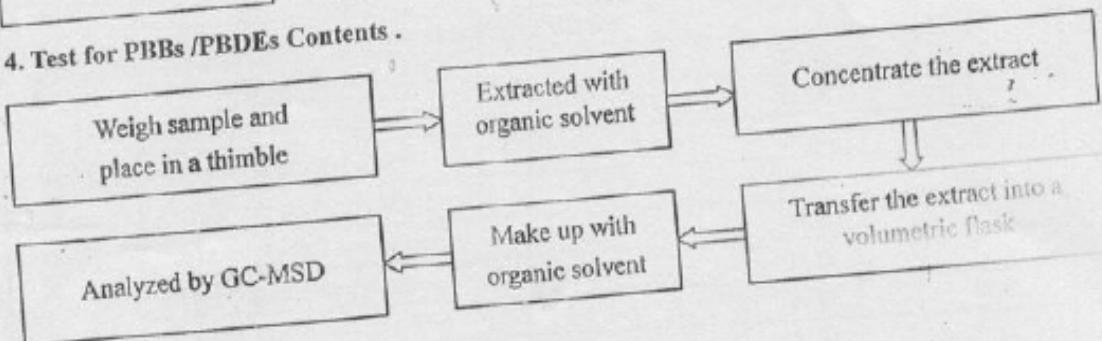
2. Test for Cd Content .



3. Test for Chromium(VI) Content .



4. Test for PBBs /PBDEs Contents .





Test Report

Report No.:SZR0704211189102

Date :Apr. 26, 2007

Page 3 of 5

Test Results:

Tested Items	Contents
Lead (Pb)	N.D.
Mercury (Hg)	N.D.
Cadmium (Cd)	N.D.
Hexavalent Chromium (Cr ⁶⁺)	N.D.

Tested Items	Contents
Polybrominated Biphenyls(PBBs)	
Monobromobiphenyl	N.D.
Dibromobiphenyl	N.D.
Tribromobiphenyl	N.D.
Tetrabromobiphenyl	N.D.
Pentabromobiphenyl	N.D.
Hexabromobiphenyl	N.D.
Heptabromobiphenyl	N.D.
Octabromobiphenyl	N.D.
Nonabromobiphenyl	N.D.
Decabromobiphenyl	N.D.
Polybrominated Diphenyl Ethers(PBDEs)	
Monobromodiphenyl ether	N.D.
Dibromodiphenyl ether	N.D.
Tribromodiphenyl ether	N.D.
Tetrabromodiphenyl ether	N.D.
Pentabromodiphenyl ether	N.D.
Hexabromodiphenyl ether	N.D.
Heptabromodiphenyl ether	N.D.
Octabromodiphenyl ether	N.D.
Nonabromodiphenyl ether	N.D.
Decabromodiphenyl ether	N.D.

Note :

-N.D. = Not Detected (<report limit).

*** End of report ***



CTI



Centre Testing International

Test Report

Report No.:SZR0704211189102

Date :Apr. 26, 2007

Page 4 of 5

Written by

Tina

Inspected by

Danny

Tested by

Sunny

Approved by

Jacky CaoTee

Position

ManagerNing

Date

Apr. 26, 2007

This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of CTI, this test report shall not be copied except in full and published as advertisement.

CTI Physical & Chemical Lab.



Building C, Hongwei industrial zone, Baoan 70 district, Shenzhen, China
Tel:86-755-33868999 Fax:86-755-33868999-9
E-mail:info@cti-cert.com http://www.cti-cert.com

No. 00552216

CTI



Centre Testing International

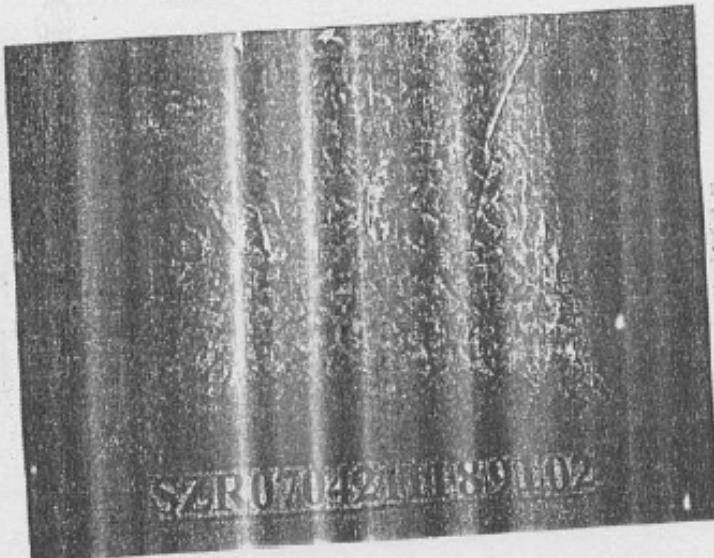
Test Report

Report No.:SZR0704211189102

Date :Apr. 26, 2007

Page 5 of 5

Photo of the sample



Building C, Hongwei industrial zone, Baoan 70 district, Shenzhen, China
Tel:86-755-33868799 Fax:86-755-33868999-9
E-mail:info@cti-cert.com http://www.cti-cert.com

No. 0058164



Test Report

No.: GZ07050670f6/CHEM

Date: MAY 18, 2007

Page 1 of 3

SHENZHEN HAI-RX INDUSTRIAL CO., LTD
14/F., 3 INDUSTRIAL ZONE OF XITIAN OF GUANGMING TOWN, BAOAN ZONE OF SHENZHEN

The following sample(s) was/were submitted and identified on behalf of the applicant as BRASS C3604

SGS Ref No. : SZ10365032

Sample Receiving Date : MAY 14, 2007

Testing Period : MAY 14, 2007 TO MAY 18, 2007

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.

Test Results : Please refer to next page.

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

Signed for and on behalf of
SGS-CSTC Ltd.

Huang Fang, Sunny
Sr. Engineer

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

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

Test Item(s):	Method (refer to)	No.1	MDL	RoHS Limit
Cadmium(Cd)	(1)	41	2	100
Lead (Pb)	(2)	28154 TM	2	1000
Mercury (Hg)	(3)	N.D.	2	1000
Hexavalent Chromium (CrVI) by Spot test	(4)	Negative	See Note 4	#

Test Part Description:

No.1 Brassy metal

Note : 1. mg/kg = ppm

2. N.D. = Not Detected (< MDL)

3. MDL = Method Detection Limit

4. Spot-test:

Negative = Absence of CrVI coating, Positive = Presence of CrVI coating;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)

Boiling-water-extraction:

Negative = Absence of CrVI coating

Positive = Presence of CrVI coating, the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

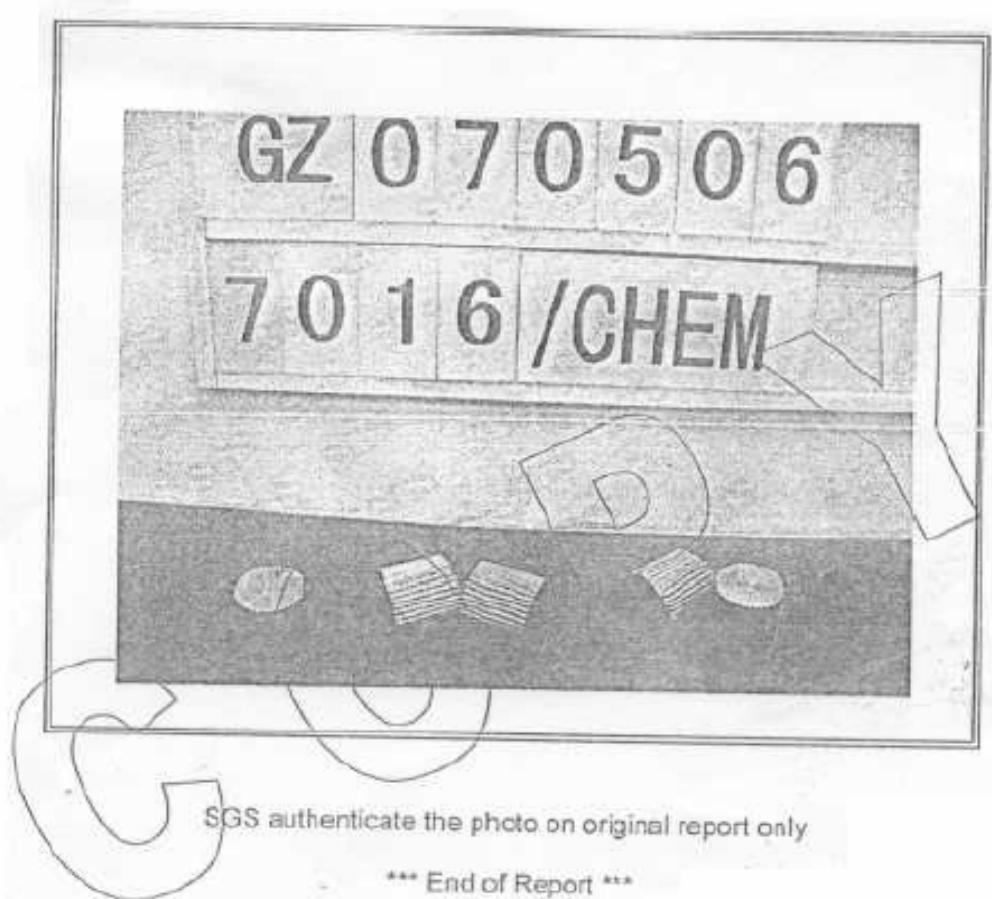
5. # = Positive indicates the presence of CrVI on the tested areas and result be regarded as conflict with RoHS requirement.

Negative indicates the absence of CrVI on the tested areas and result be regarded as no conflict with RoHS requirement.

Remark[1]: According to the specification from client, the sample is copper alloy, while Lead as an alloying element in copper alloy containing up to 4% Lead by weight is exempted by RoHS regulatory (Directive 2002/95/EC of the European Parliament and of the council of 27 January 2003).

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders will be prosecuted to the fullest extent of the law.

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Quality Laboratory Accredited
ISO/IEC 17025:2005 Certified Laboratory18 Nanhai East, SCENTECH Park, Guangzhou Economic & Technological Development Zone, Guangzhou, China 510663
中国·广州·经济技术开发区科学城科珠路198号 邮编:510663

t (86-20) 82155555

f (86-20) 82075125

www.cn.sgs.com

t (86-20) 82155555

f (86-20) 82075125

sgschina@sgs.com

GZCM 1319082