WHA YU INDUSTRIAL CO., LTD. (HEAD OFFICE)
DONGGUAN AEON TECH CO.,LTD.(CHINA)
TAI HWA ELECTRONIC CO., LTD.(CHINA)
SHANGHAI HUA YU ELECTRONIC CO., LTD.(CHINA)
SU ZHOU AEON TECH CO., LTD. (CHINA)

SPECIFICATION FOR APPROVAL

CUSTOMER: *中磊科技股份有限公司*

PART NAME: *NP-5015 Product Assembly for Gemtek(Belkin)*

PART NO.: ***REVISION:***

W. Y. P/NO.: *C147-510242-A* ***REV.: X1***

	MANUFACTURER SIGNATURE	CUSTOMER SIGNATURE
APPROVED BY :		
DATE :		

WHA YU GROUP

WHA YU INDUSTRIAL CO., LTD.(HEAD OFFICE)
譁裕實業股份有限公司
Address: No. 326,Sec. 2,Kung Tao 5 Road, Hsin Chu Ciry, Taiwan, R.O.C.
Tel:+886-3-5714225(REP.) Fax:+ 886-3-5713853 · + 886-3-5723600

DONGGUAN AEON TECH CO.,LTD.(CHINA)
東莞台霖電子通訊有限公司
Address:Lakeside Industrial Park,Da Ling Shan Town,Dong Guan City,GuangDong,China
Tel: + 86-769-85655858 Fax: + 86-769-8565525

TAI HWA ELECTRONC FACTORY
台樺電業制品廠
Address: Pak Ho District, Hou Street Town, Dong Guan City, Guangdong, China
Tel: + 86-769-85599375 · + 86-769-85912375 Fax: + 86-769-85599376

HUA HONG INTERNATIONAL LTD.
華弘國際有限公司
Address:Rm.1103A,President Commercial Centre,608 Nathan Road,Mong Kok,Kowloon,Hong Kong
Tel: + 86-852-27712210 Fax: + 86-852-23843747

SHANGHAI HUA YU ELECTRONIC CO., LTD. (CHINA)
上海譁裕電子有限公司
Address:3586,Wai Qing Song Road, Qing Pu County, Shanghai China
Tel: + 86-21-59741348 · + 86-21-59744101~4 Fax: + 86-21-59741347

SU ZHOU AEON TECH CO., LTD. (CHINA)
蘇州華廣電通有限公司
Address:Limin North Road, LiLi Town,LiLi Industrial Park,LinHu Economic Zone
Wujiang City,Jiangsu Province,China
Tel: + 86-512-63627980 Fax: + 86-512-63627981

Contents

RF Antenna Assembly

Specification

1. Electrical Properties :

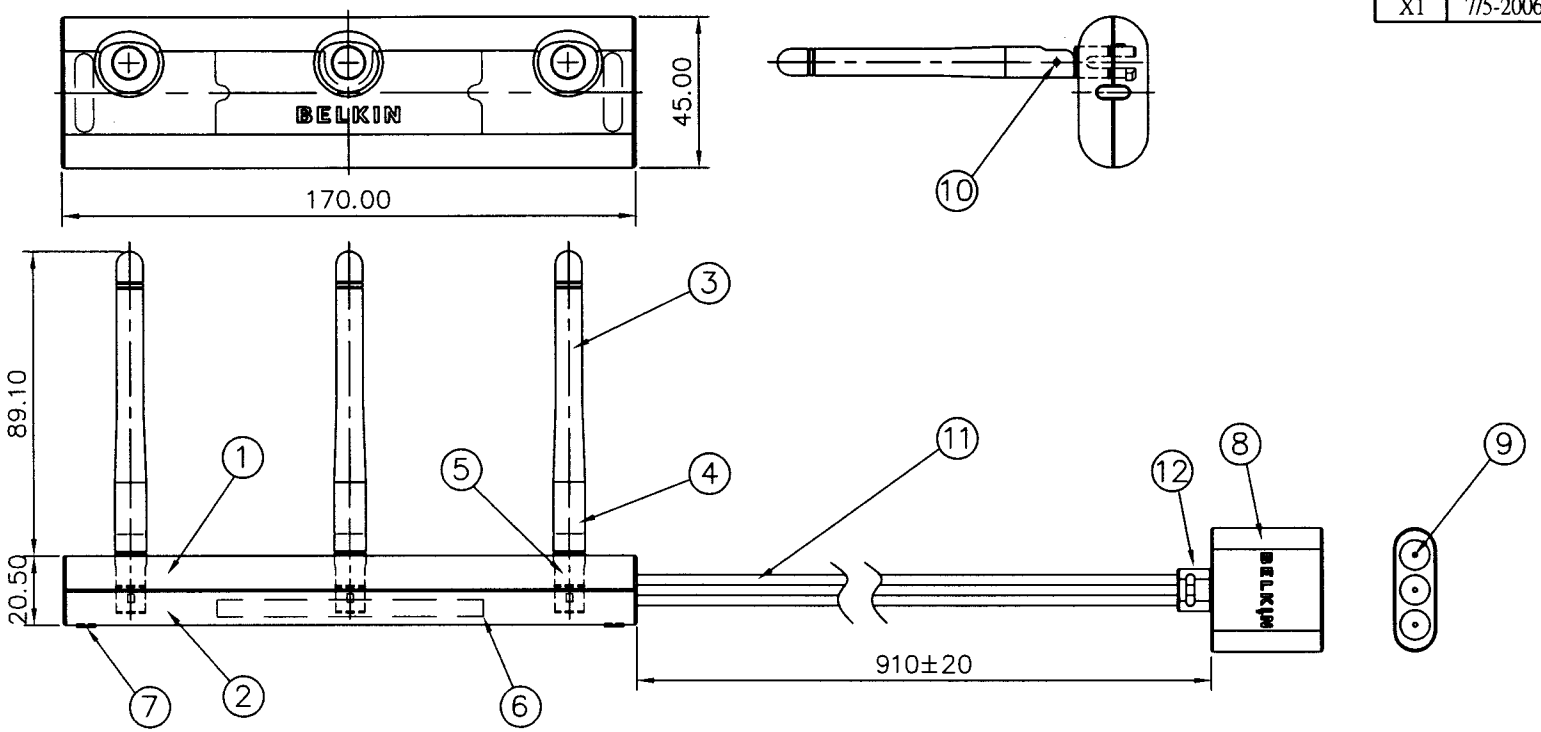
1.1	Frequency Range……	2.4GHz ~ 2.5GHz
1.2	Impedance ……	50Ω Nominal
1.3	VSWR ……..	1.92 Max.
1.4	Return Loss……	-10 dB Maximum
1.5	Radiation ……	Omni-directional
1.6	With Power Divide Gain(peak)	3.7dBi(Including Cable Loss)
	Left Antenna Gain(peak)……	1.1dBi(Including Cable Loss)
	Middle Antenna Gain(peak)…	1.2dBi(Including Cable Loss)
	Right Antenna Gain(peak)……	1.4dBi(Including Cable Loss)
1.7	Cable Loss……	2.1dB
1.8	Polarization……	Linear Vertical
1.9	Admitted Power……	1W

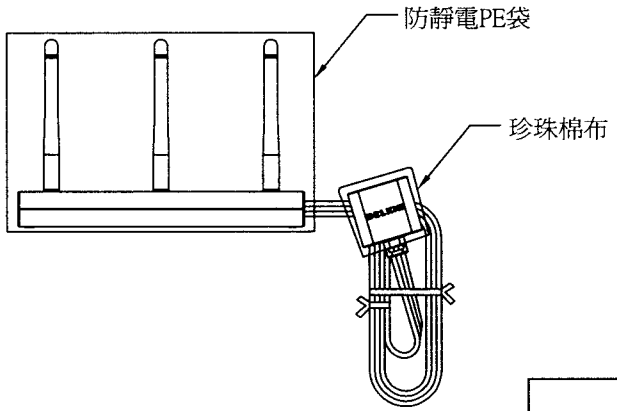
2. Physical Properties :

2.1	Cable……	RG-174 Coaxial Cable
2.2	Antenna Cover……. ..	TPE
2.3	Antenna Base……. ….	PBT
2.4	Belkin MIMO Housing……	ABS
2.5	Molding……	PVC
2.6	Operating Temp. ……	-20℃ ~ +65℃
2.7	Storage Temp. ……	-30℃ ~ +75℃
2.8	Antenna Color……	Black
2.9	Housing Color……	Black
2.10	Molding Color……	Black
2.11	Connector…...……	SMA Plug Reverse Quick Crimp

CG-

REV	DATE	DESCRIPTION
X1	7/5-2006	New Issue





NO	DESCRIPTION	QTY	REMARK
12	SR / PVC	1	Black
11	RG-174(1C*26AWG+B)x3F / PVC	1	Black
10	⌀1.6 X 3.0 mm Rivet / Brass	6	Plating Black Zn
9	SMA R/P Reverse Quick Crimp Plug / Brass	3	Plating Ni
8	Molding / PVC	1	Black
7	Cushion Silicone / Silicone	2	Black
6	Match Weight Metal Board / Iron	1	Plating Zn
5	Bottom Fixed Base / PBT	3	Pantone Black C
4	Upper Fixed Base / PBT	3	Pantone Black C
3	Antenna Cap / TPE	3	Pantone Black C
2	Bottom Base of the Housing / ABS	1	Black亮面
1	Top Cover of the Housing / ABS	1	Black亮面

CUSTOMER'S SINGATURE

XX.	±3.0
X.	±2.0
.X	±1.0
.XX	±0.5
.XXX	±0.1

APPROVED 5.06
CHECKED 7/5/06
DRAWING 程淑娟

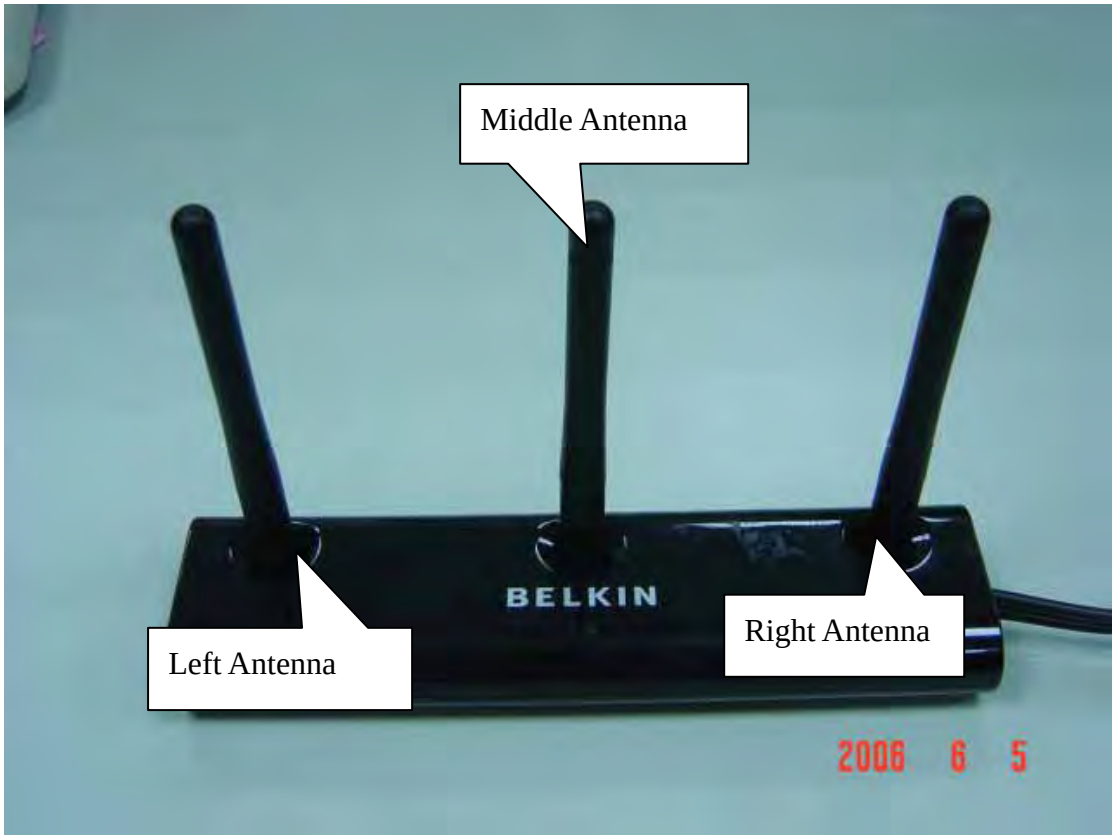
CUSTOMER: 中磊科技股份有限公司
PART NO :
PARTNAME: NP-5015 Product Assembly for Gemtek(Belkin)
W.Y P/NO : C147-510242-A

REV	UNIT	FILE :
X1	m/m	SHEET : 1/1

Wha Yu
INDUSTRIAL CO.,LTD.
譁裕實業股份有限公司

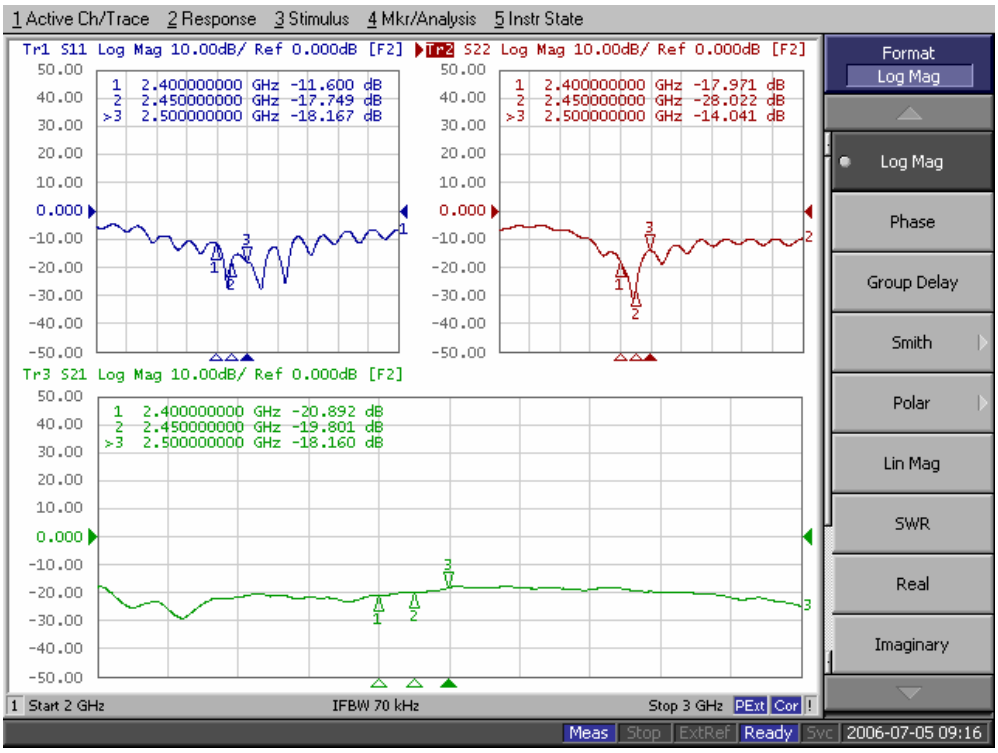
RF Antenna Assembly

P/NO : C147-510242-A SPEC : 2.4GHz

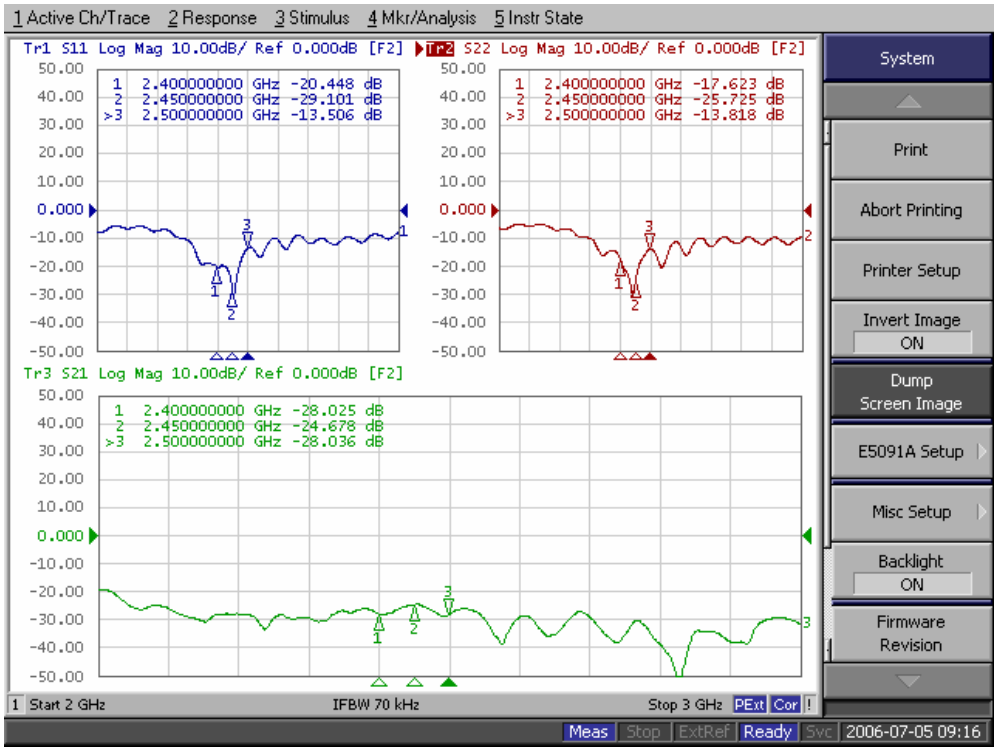


Isolation

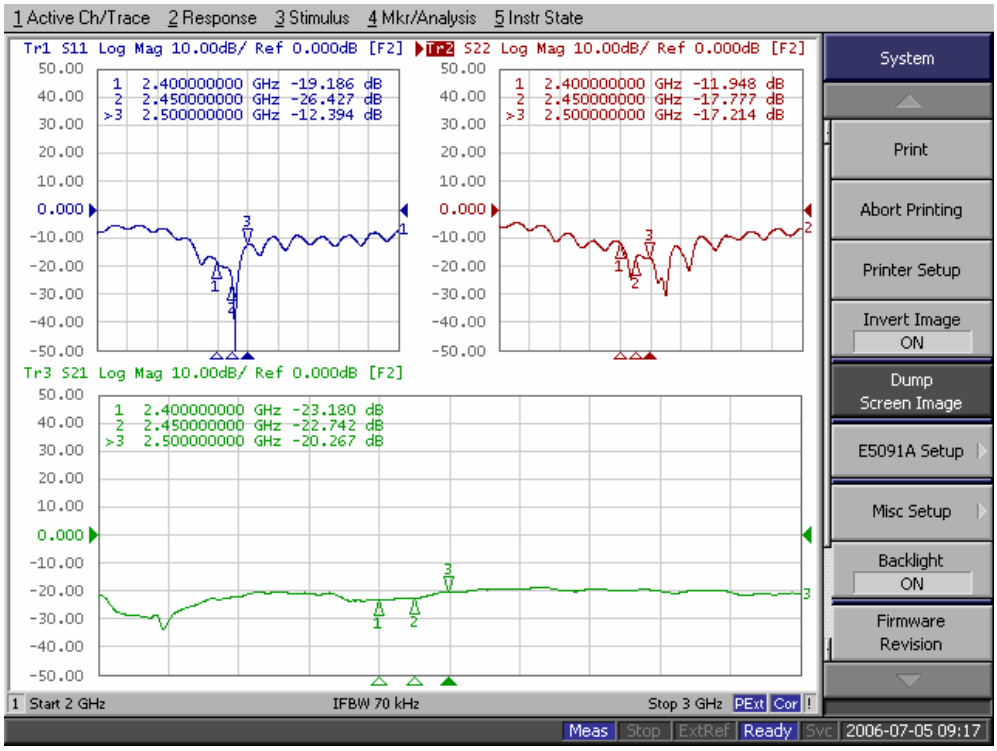
Left Antenna-Middle Antenna



Left Antenna-Right Antenna



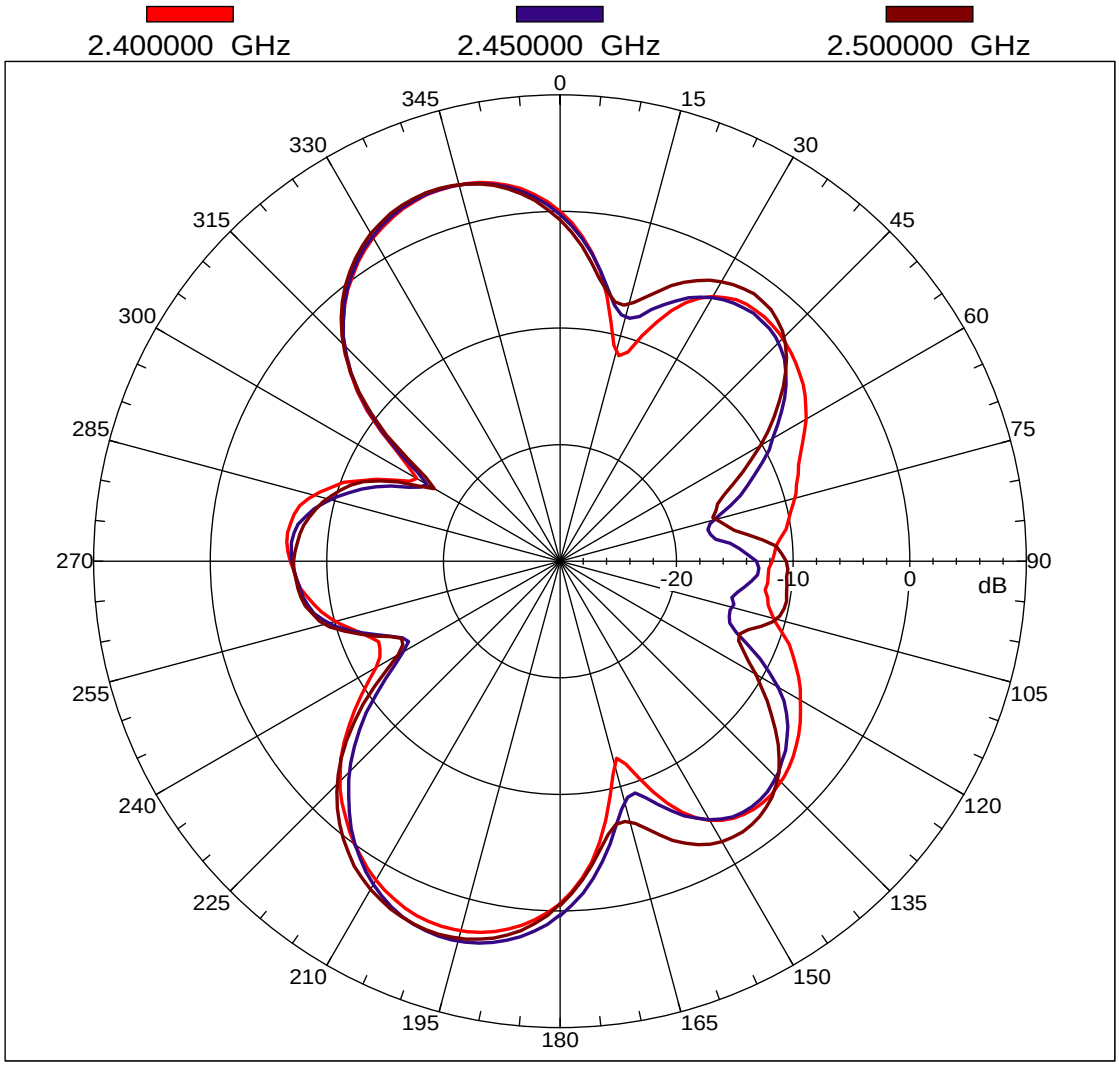
Middle Antenna-Right Antenna



7/5/2006

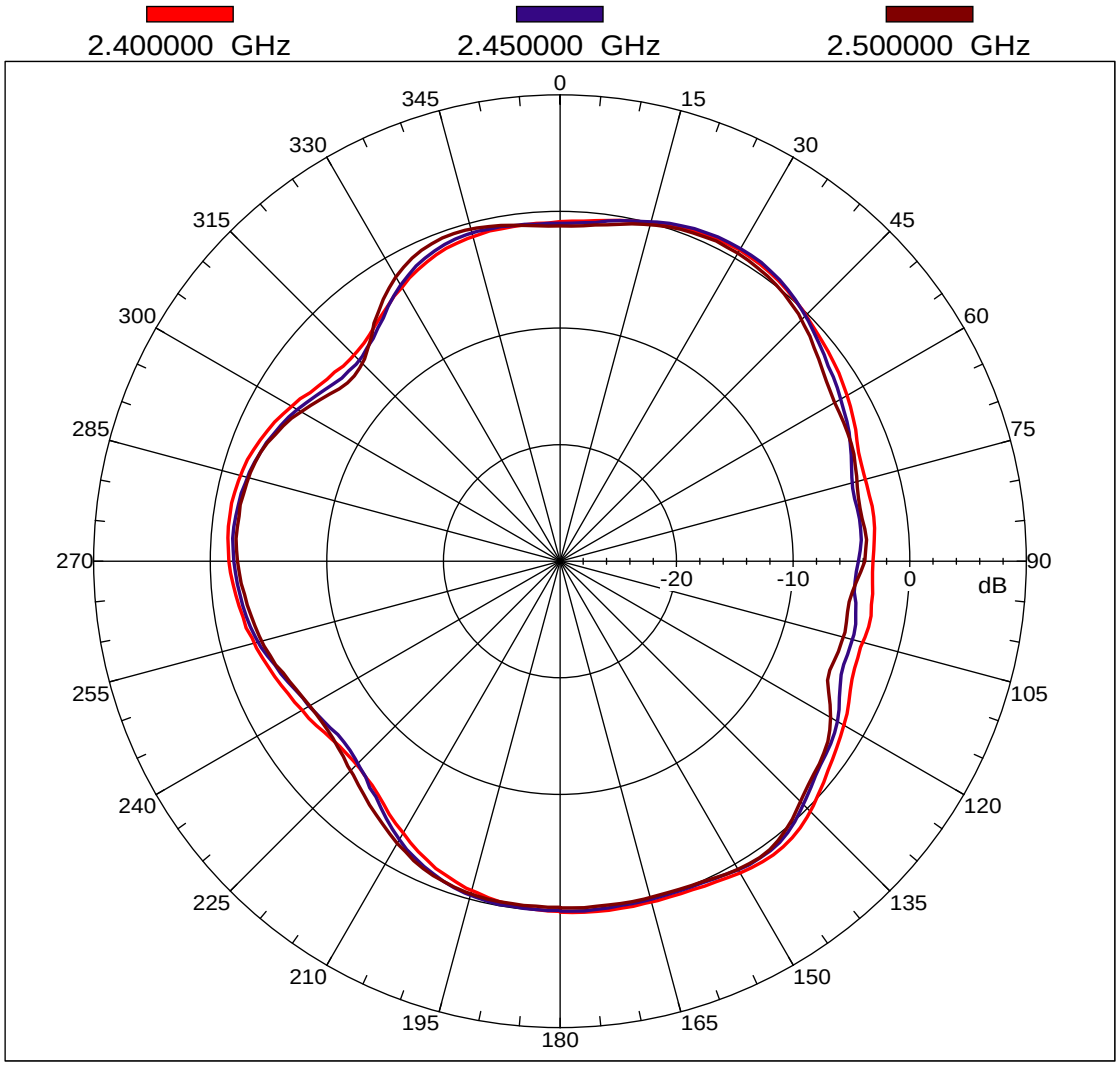
Power Divide

Far-field amplitude of POwer01.nsi



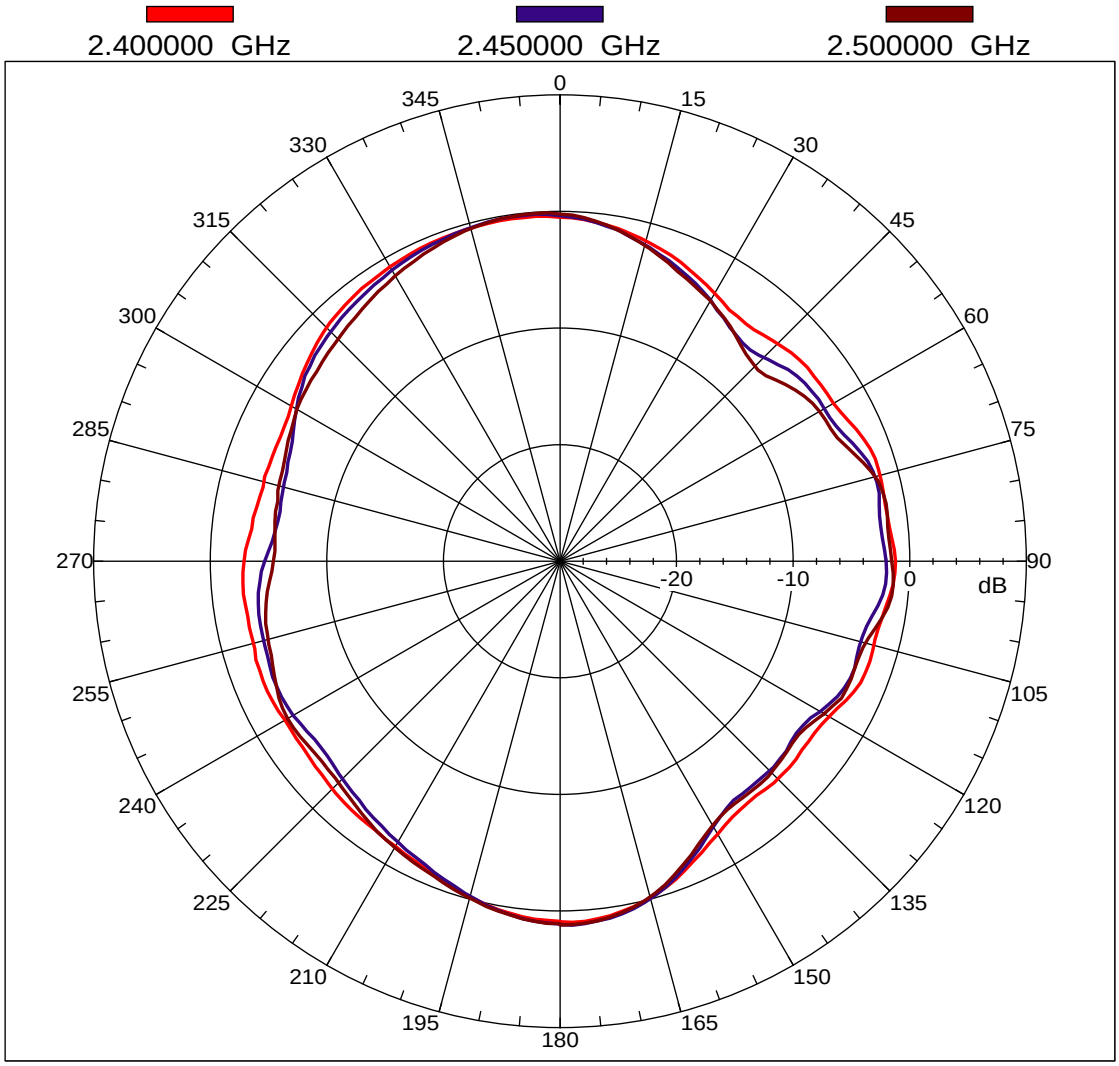
Left Antenna

Far-field amplitude of Left.nsi



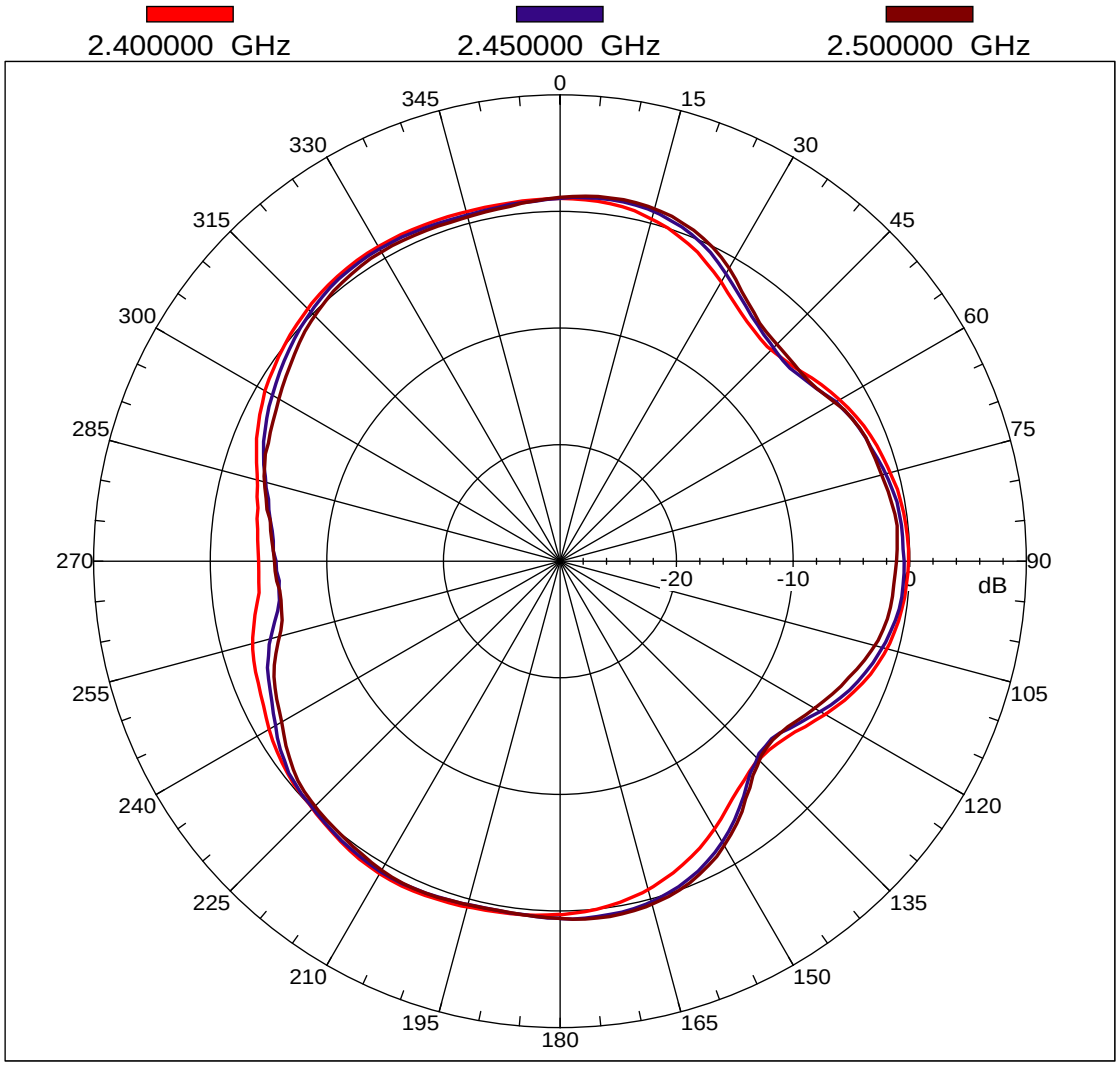
Middle Antenna

Far-field amplitude of Middle.nsi



Right Antenna

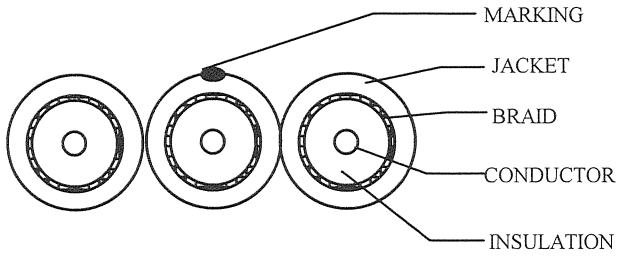
Far-field amplitude of Right.nsi



SPECIFICATION:	(1C*26AWG+B)x3F

ITEM		SPECIFICATION
CONDUCTOR	AWG	26AWG
	MATERIAL	BARE COPPER
	COND.SIZE	**7/0.165± 0.008mm**
INSULATION	MIN.AVG.THICK	0.50 ㎜
	MATERIAL	XL-PE
	O . D	1.50 ± 0.10 ㎜
BRAID COPPER	MATERIAL	TINNED COPPER
	SIZE	16*5/0.10± 0.008 ㎜
	NO.	(1C*26AWG+B)x3F
JACKET	MIN.AVG.THICK	0.51 ㎜
	MATERIAL	HALF MATTE PVC
	COLOUR	UL813 BLACK (COLD RESISTANCE:-20℃~80℃)LOW TOXIC
	O . D	3.00*3.00*3.00 ±0.15~0.60 ㎜

CONTRUCTIONE D.W.G



COLOUR CODE:

NATURAL

MARKING

E119932 ㄦ AWM 20120 80℃ 30V COPARTNER

REMARK

1.Attenuation: at 1GHz 1.12dB/M；at 2GHz 1.67dB/M at 3GHz 2.13dB/M；at 4GHz 2.59dB/1M at 5GHz 3.01dB/M；at 6G Hz 3.52dB/M. （nominal）

ELECTRICAL CHARACTERISTICS

1. Rating : TEMP 80℃ ; VOLTAGE 30V
2. Conductor Resistance: at 20℃ MAX
   26AWG: 148.94Ω/km;
3. Insulation Resistance: 10MΩ-km min at 20℃ dc 500V
4. Dielectric Strength: AC 500V/1minute no breakdown.
5.Impedance: 50±5Ω
6.V_P values :66%(nominal)

PHYSICAL PROPERTIES OF JACKET

1. Flexibility test: NO CRACKING
2. Flame test: PASS Horizontal flame

COPARTNER

COPARTNER WIRE & CABLE (SHENZHEN) MFG CO., LTD.

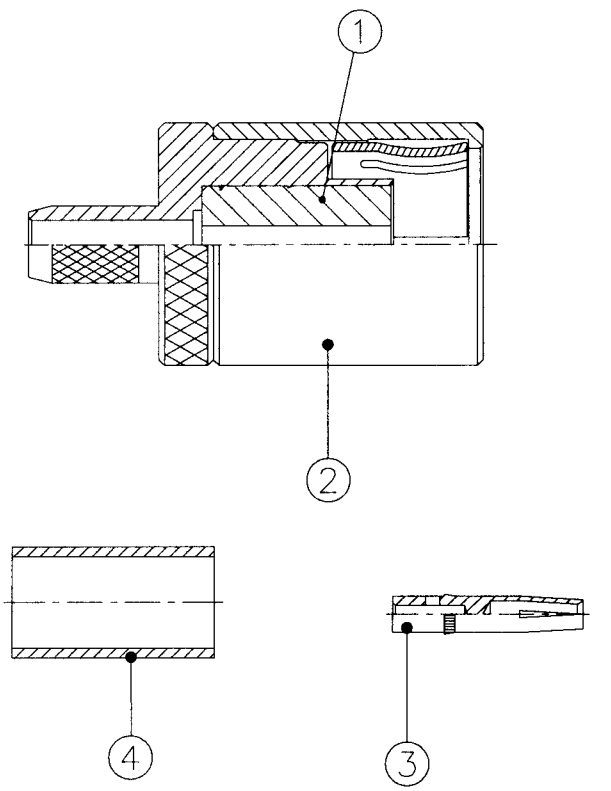
PART NO.	7370326016		
APPROVED		CUSTOMER	華裕(台樺)
CHECKED		REV	A
DRAWING	*ZWF*	DATE	2005/6/2

CP-EW-206A

譁裕實業股份有限公司
WHA YU INDUSTRIAL CO., LTD
Connector 材質證明書

譁裕料號 Whayu P/N	100-2001144-AZ	產品名稱 Product Name	SMA P/R Quick Crimp for RG-174 Cable

結構圖面



材質成份									表面處理
1	絕緣體	Teflon	PTFE						N/A
2	本體	Brass	Cu	Pb	Fe	Fe+Sn	Zn		鍍鎳
3	中心針	Phos. Bronze	Cu	Sn	P	Zn	Pb		鍍金
4	尾管	Brass	Cu	Pb	Fe	Fe+Sn	Zn		鍍鎳

Remark：

(請蓋公司章)

SGS Test Report

Product：RF Antenna

Contents

Result for RoHS：PASS

SGS

Test Report

No.: GZSCR051188754/LP Date: NOV 22, 2005

DONG GUAN JIUH FENG COPPER WIRES CO.,LTD
WU SHI GANG INDUSTRIAL AREA, ZHU SHAN MANAGEMENT ESTATE, DONG CHENG ZONG DONGGUAN P.R.C.

Report on the submitted sample said to be 镀锡线(英文代称 T.C)

SGS Ref No.	: SZ051124519EC-3.1
Manufacturer/Supplier	: 东莞巨丰
Sample Receiving Date	: NOV 16, 2005
Testing Period	: NOV 16, 2005 TO NOV 22, 2005

Test Requested : (1) As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.
(2) Determination of PBBs (polybrominated biphenyls), PBDEs (Polybrominated diphenylethers) of the submitted sample.

Test Method : (1) Lead content - With reference to EPA method 3050B: 1996 / other acid digestion.
Cadmium content - With reference to BS EN1122: 2001 method B / other acid digestion.
Mercury content - With reference to EPA 3052: 1996 / 7473: 1998 / other acid digestion.
Hexavalent Chromium content - With reference to EPA 3060A : 1996 & EPA 7196A : 1992 / acid digestion.
Analysis was performed by Atomic Absorption Spectrometer / Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) / Direct Mercury analyzer / UV-VIS Spectrophotometer.
(2) With reference to EPA 3540C / 3550C. Analysis was performed by GC/MS.

RESULTS : Please refer to next page.

Signed for and on behalf of
SGS-CSTC Ltd.

Zhang Li, Amy
Sr. Engineer

Results :

(1)

	Silvery metal wire
Lead Content (Pb)(ppm)	3
Cadmium Content (Cd)	N.D.
Mercury Content (Hg)	N.D.
Hexavalent Chromium Content [Cr(VI)]	N.D.

Note : - N.D. = Not Detected (< 2 ppm)
- ppm = mg/kg

(2)

	Silvery metal wire
Flame Retardants	
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.
Nonabromodiphenyl	N.D.
Decabromodiphenyl	N.D.
Polybrominated Diphenylethers (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 (< 5 ppm)
- ppm = mg/kg

*** End of Report ***

Test Report

AMPRO TECHNOLOGIES INC.
4F, #78 ROOSEVELT ROAD SECTION 1, TAIPEI, TAIWAN

Report No. : CE/2005/B7507
Date : 2005/12/07
Page : 1 of 4

The following merchandise was (were) submitted and identified by the client as :

Type of Product	:	HIGH DENSITY POLYETHYLENE RESINS
Style/Item No	:	LR-5900-05
Sample Received	:	2005/11/30
Testing Date	:	2005/11/30 TO 2005/12/07

==========

Conclusion : The test results of Pb, Cd, Hg, Cr+6, PBB and PBDE for the submitted sample comply with the requirements of RoHS (2002/95/EC).

Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

AMPRO TECHNOLOGIES INC.
4F, #78 ROOSEVELT ROAD SECTION 1, TAIPEI, TAIWAN

Report No. : CE/2005/B7507
Date : 2005/12/07

Test Result

PART NAME NO.1 : TRANSPARENT-WHITE PLASTIC PELLETS

PASS

Test Item (s):	Unit	Method	MDL	Result No.1	Limit of ROHS
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	-
Dibromobiphenyl	%		0.0005	N.D.	-
Tribromobiphenyl	%		0.0005	N.D.	-
Tetrabromobiphenyl	%		0.0005	N.D.	-
Pentabromobiphenyl	%		0.0005	N.D.	-
Hexabromobiphenyl	%		0.0005	N.D.	-
Heptabromobiphenyl	%		0.0005	N.D.	-
Octabromobiphenyl	%		0.0005	N.D.	-
Nonabromobiphenyl	%		0.0005	N.D.	-
Decabromobiphenyl	%		0.0005	N.D.	-
Total PBBs(Polybrominated biphenyls)/Sum of above	%		-	N.D.	0.1
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	-
Dibromobiphenyl ether	%		0.0005	N.D.	-
Tribromobiphenyl ether	%		0.0005	N.D.	-
Tetrabromobiphenyl ether	%		0.0005	N.D.	-
Pentabromobiphenyl ether	%		0.0005	N.D.	-
Hexabromobiphenyl ether	%		0.0005	N.D.	-
Heptabromobiphenyl ether	%		0.0005	N.D.	-
Octabromobiphenyl ether	%		0.0005	N.D.	-
Nonabromobiphenyl ether	%		0.0005	N.D.	-
Decabromobiphenyl ether	%		0.0005	N.D.	-
Total PBBEs(PBDEs)(Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.	-
Total of Mono to Nona-brominated biphenyl ether. (Note 6)	%		-	N.D.	0.1

Test Report

AMPRO TECHNOLOGIES INC.
4F, #78 ROOSEVELT ROAD SECTION 1, TAIPEI, TAIWAN

Report No. : CE/2005/B7507
Date : 2005/12/07

PASS

Test Item (s):	Unit	Method	MDL	Result No.1	Limit of ROHS
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	N.D.	1000
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	100
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	1000
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.	1000

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) " - " = Not Regulation
(5) " --- " = Not Applicable
(6) Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
(7) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.

Test Report

AMPRO TECHNOLOGIES INC.
4F, #78 ROOSEVELT ROAD SECTION 1, TAIPEI, TAIWAN

Report No. : CE/2005/B7507
Date : 2005/12/07

Chemical Laboratory - Kao.,SGS Taiwan Ltd.

TEST REPORT

REPORT NO.KE/2006/10283
DATE: 2006/1/11

THE FOLLOWING MERCHANDISE WAS(WERE) SUBMITTED ON BEHALF OF THE CLIENT AND IDENTIFIED AS :

CLIENT	:	CHI MEI CORPORATION..
ADDRESS	:	59-1,SAN CHIA,JEN TE HSIANG,TAINAN COUNTY,TAIWAN,R.O.C.
PRODUCT DESCRIPTION	:	ACRYLONITRILE-BUTADIENE-STYRENE COPOLYMER.
	:	(AS ATTACHED SAMPLE PHOTO).
COLOR	:	NATURAL.
STYLE/ITEM NO.	:	POLYLAC® PA-757.
TESTING DATE	:	2006/01/05 TO 2006/1/11 .
SAMPLE RECEIVED	:	2006/01/05.

==========

WE HAVE TESTED THE SAMPLE(S) SUBMITTED AS REQUESTED AND THE FOLLOWING RESULTS WERE OBTAINED.

TEST ITEM(S)	UNIT	METHOD	DET. LMT	RESULT
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	n.d.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	n.d.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	n.d.
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	n.d.

SGS TAIWAN LTD TAIWAN

Kueilan Chen / Asst. Supervisor
Signed for and on behalf of
SGS Taiwan Limited

TW2582477

Chemical Laboratory - Kao.,SGS Taiwan Ltd.

TEST REPORT

REPORT NO.KE/2006/10283
DATE: 2006/1/11

TEST ITEM(S)	UNIT	METHOD	DET. LMT	RESULT
PBBs (Polybrominated biphenyls)	---	---	---	---
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	n.d.
Dibromobiphenyl	%		0.0005	n.d.
Tribromobiphenyl	%		0.0005	n.d.
Tetrabromobiphenyl	%		0.0005	n.d.
Pentabromobiphenyl	%		0.0005	n.d.
Hexabromobiphenyl	%		0.0005	n.d.
Heptabromobiphenyl	%		0.0005	n.d.
Octabromobiphenyl	%		0.0005	n.d.
Nonabromobiphenyl	%		0.0005	n.d.
Decabromobiphenyl	%		0.0005	n.d.
PBDEs (Polybrominated biphenyl ethers)	---	---	---	---
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	n.d.
Dibromobiphenyl ether	%		0.0005	n.d.
Tribromobiphenyl ether	%		0.0005	n.d.
Tetrabromobiphenyl ether	%		0.0005	n.d.
Pentabromobiphenyl ether	%		0.0005	n.d.
Hexabromobiphenyl ether	%		0.0005	n.d.
Heptabromobiphenyl ether	%		0.0005	n.d.
Octabromobiphenyl ether	%		0.0005	n.d.
Nonabromobiphenyl ether	%		0.0005	n.d.
Decabromobiphenyl ether	%		0.0005	n.d.

NOTE : n.d. = not detected.

<END>

SGS TAIWAN LTD SGS TAIWAN

TW 2582476

Test Report

DSM ENGINEERING PLASTICS

Report No. : CE/2005/B4713
Date : 2005/11/28

The following merchandise was (were) submitted and identified by the client as :

Type of Product	:	ARNITEL TPE-E EL630 NATURAL
Buyer/Order No	:	SONY
Sample Received	:	2005/11/21
Testing Date	:	2005/11/21 TO 2005/11/28

==========

Test Result : - Please see the next page -

Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

DSM ENGINEERING PLASTICS

Report No. : CE/2005/B4713
Date : 2005/11/28

Test Result

PART NAME NO.1 : WHITE PLASTIC PELLETS

Test Item (s):	Unit	Method	MDL	Result No.1
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl	%		0.0005	N.D.
Tribromobiphenyl	%		0.0005	N.D.
Tetrabromobiphenyl	%		0.0005	N.D.
Pentabromobiphenyl	%		0.0005	N.D.
Hexabromobiphenyl	%		0.0005	N.D.
Heptabromobiphenyl	%		0.0005	N.D.
Octabromobiphenyl	%		0.0005	N.D.
Nonabromobiphenyl	%		0.0005	N.D.
Decabromobiphenyl	%		0.0005	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl ether	%		0.0005	N.D.
Tribromobiphenyl ether	%		0.0005	N.D.
Tetrabromobiphenyl ether	%		0.0005	N.D.
Pentabromobiphenyl ether	%		0.0005	N.D.
Hexabromobiphenyl ether	%		0.0005	N.D.
Heptabromobiphenyl ether	%		0.0005	N.D.
Octabromobiphenyl ether	%		0.0005	N.D.
Nonabromobiphenyl ether	%		0.0005	N.D.
Decabromobiphenyl ether	%		0.0005	N.D.
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%		-	N.D.

Test Report

DSM ENGINEERING PLASTICS

Report No. : CE/2005/B4713
Date : 2005/11/28

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
(5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.
(6) " - " = Not Regulation

Test Report

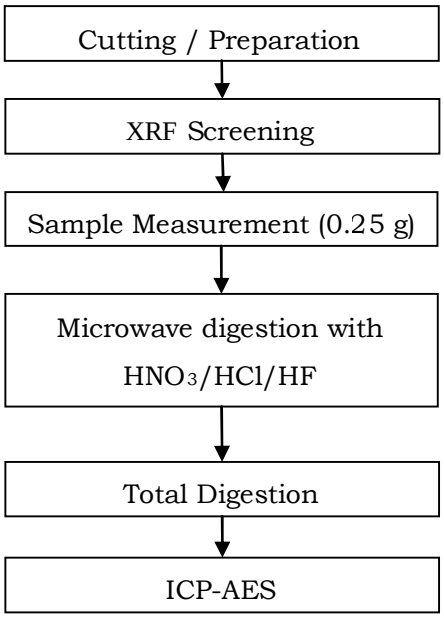
DSM ENGINEERING PLASTICS

Report No. : CE/2005/B4713
Date : 2005/11/28

Per requirements of SONY QAR-05-002:

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
2) Name of the person who made measurement: Anren Lee
3) Name of the person in charge of measurement: Daniel Yeh

Flow Chart of Digestion for Plastic –EPA3052 for Pb、Cd (without residue)



Test Report

DSM ENGINEERING PLASTICS

Report No. : CE/2005/B4713
Date : 2005/11/28

SGS

Test Report

No. 2038519/EC Date : Oct 10 2005

RAYCONG INDUSTRIAL (H.K.) LTD.
RM. 1008-1011, TOWER II, METRO PLAZA,
HING FONG ROAD, KWAI CHUNG,
N.T. HONG KONG

Report on the submitted sample said to be PBT.

SGS Job No.	:	1881057
Style / Item No.	:	310SE0-1001, 420SE0-1001, DR48-1001
Buyer	:	SONY
Supplier	:	RAYCONG INDUSTRIAL (HONG KONG) LTD
Manufacturer	:	GE PLASTICS LTD
Sample Receiving Date	:	OCT 04 2005
Testing Period	:	OCT 05 - 10 2005

Test Requested : With reference to SONY SS-00259

1) To determine the Cadmium Content in the submitted sample.
2) To determine the Lead Content in the submitted sample.
3) To determine the Mercury Content in the submitted sample.
4) To determine the Hexavalent Chromium Content on the submitted sample.
5) Determination of PBBs (polybrominated biphenyls), PBDEs (Polybrominated diphenylethers) of the submitted sample.

Pre-conditioning and Measurement Method :

1-3) With reference to EPA Method 3051/3052 / dry ashing. Analysis was performed by Inductively Coupled Argon Plasma-Atomic Emission Spectrometry (ICP-AES).
4) With reference to EPA Method 3060A & 7196A. The samples were alkaline digested by using EPA Method 3060A, and then analyzed by using Colorimetric method 7196A.
5) With reference to EPA Method 3540C/ 3550C. Analysis was performed by GC/MS or LC/ MS.

Test Results : 1-5) Please refer to the next page

Signed for and on behalf of
SGS Hong Kong Ltd

Ho Ka Ting, Family
Laboratory Executive

Test Results :

Test Item	1	Detection Limit
1) Cadmium (Cd)	ND	2 ppm
2) Lead (Pb)	ND	2 ppm
3) Mercury (Hg)	ND	2 ppm
4) Hexavalent Chromium (Cr^{+6})	ND	2 ppm

(Results shown are of the total weight of samples)

Note : ppm = mg/kg
ND = Not Detected
Not detected is reported when the reading is less than detection limit value

Remark : The calculation on the reported results of composite samples is based on the total weight of the composite samples.

5)

Flame Retardants	1	Detection Limit
Polybrominated Biphenyls (PBBs)	---	---
Monobromobiphenyl	ND	5 ppm
Dibromobiphenyl	ND	5 ppm
Tribromobiphenyl	ND	5 ppm
Tetrabromobiphenyl	ND	5 ppm
Pentabromobiphenyl	ND	5 ppm
Hexabromobiphenyl	ND	5 ppm
Heptabromobiphenyl	ND	5 ppm
Octabromobiphenyl	ND	5 ppm
Nonabromobiphenyl	ND	5 ppm
Decabromobiphenyl	ND	5 ppm
Polybrominated Diphenylethers (PBDEs)	---	---
Monobromodiphenyl ether	ND	5 ppm
Dibromodiphenyl ether	ND	5 ppm
Tribromodiphenyl ether	ND	5 ppm
Tetrabromodiphenyl ether	ND	5 ppm
Pentabromodiphenyl ether	ND	5 ppm
Hexabromodiphenyl ether	ND	5 ppm
Heptabromodiphenyl ether	ND	5 ppm
Octabromodiphenyl ether	ND	5 ppm
Nonabromodiphenyl ether	ND	5 ppm
Decabromodiphenyl ether	ND	5 ppm

Note : ppm = mg/kg
ND = Not Detected
Not detected is reported when the reading is less than detection limit value

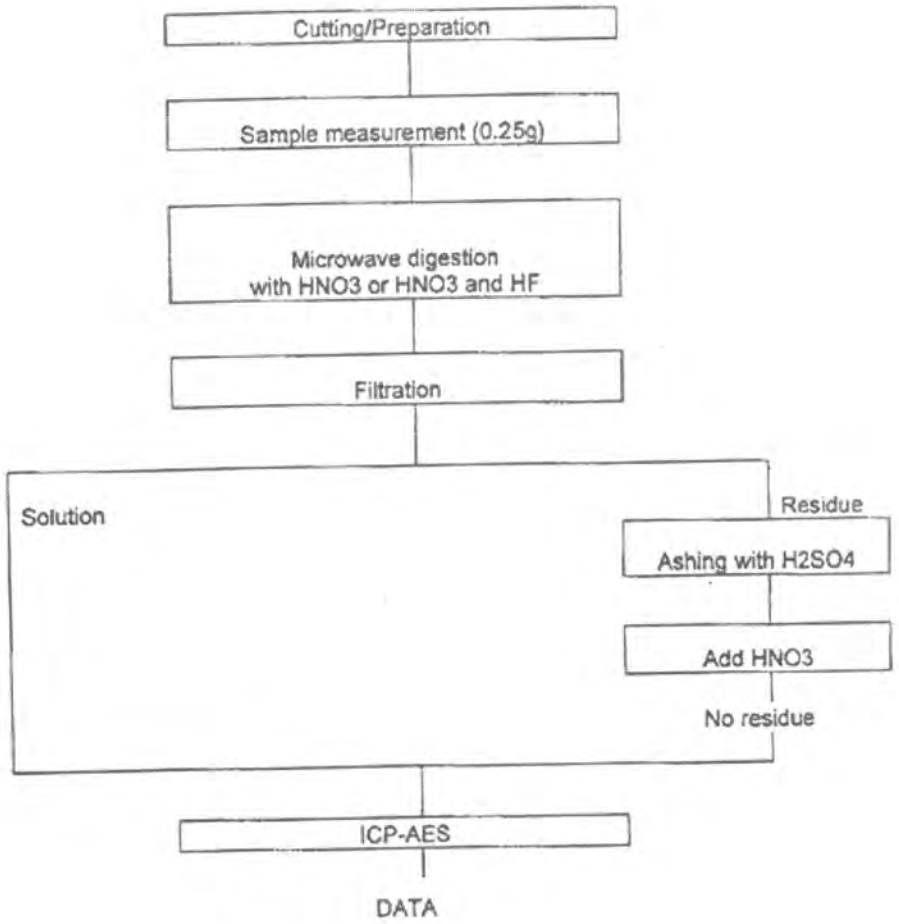
Remark : The calculation on the reported results of composite samples is based on the total weight of the composite samples.

Sample Description :
1. White Plastic Pellet (310SE0-1001) + White Plastic Pellet (420SE0-1001) +White Plastic Pellet (DR48-1001)

Remark : The composite sampling method is based on the client's special request and is a modification from the testing method

H12363071

Flow chart of digestion for Cd, Pb
(Ashing after EPA3051/3052 for Cd, Pb)



The samples were dissolved totally by pre-conditioning method according to above flow chart.

Operator Chow Fuk Fung

Section Chief Lee Fung Mei, Miranda

*** End of Report ***

Test Report

WHA YU INDUSTRIAL CO., LTD.
NO. 326, SEC. 2, KUNG TAO 5. ROAD, HSIN CHU CITY, TAIWNA, R.O.C.

Report No. : CE/2006/39133
Date : 2006/03/30
Page : 1 of 2

The following merchandise was (were) submitted and identified by the client as :

Type of Product	:	Ø1.6*3.8 RIVET; BRASS MATERIAL; PLATING BLACK Zn
Style/Item No	:	100-4003010-AZ, 壬裕
Sample Received	:	2006/03/28
Testing Date	:	2006/03/28 TO 2006/03/30

==========

Test Result

PART NAME NO.1 : BLACK METAL PELLETS

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	70.2
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	30996.7

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit

Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

WHA YU INDUSTRIAL CO., LTD.
NO. 326, SEC. 2, KUNG TAO 5. ROAD, HSIN CHU CITY, TAIWNA, R.O.C.

Report No. : CE/2006/39133
Date : 2006/03/30
Page : 2 of 2

SGS

Test Report

YUANG HSIAN METAL INDUSTRIAL CORP.
175, CHANG SHOEI ROAD, CHANG HUA CITY, TAIWAN

Report No. : CE/2006/17417A
Date : 2006/02/08
Page : 1 of 2

The following merchandise was (were) submitted and identified by the client as :

Type of Product	:	COPPER ALLOY C3604-3A
產品型號	:	DIA 12.7mm
Sample Received	:	2006/01/26
Testing Date	:	2006/01/26 TO 2006/02/08

==========

Test Result

PART NAME NO.1 : COPPER COLORED METAL

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	15.3
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	26547.5

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit

Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

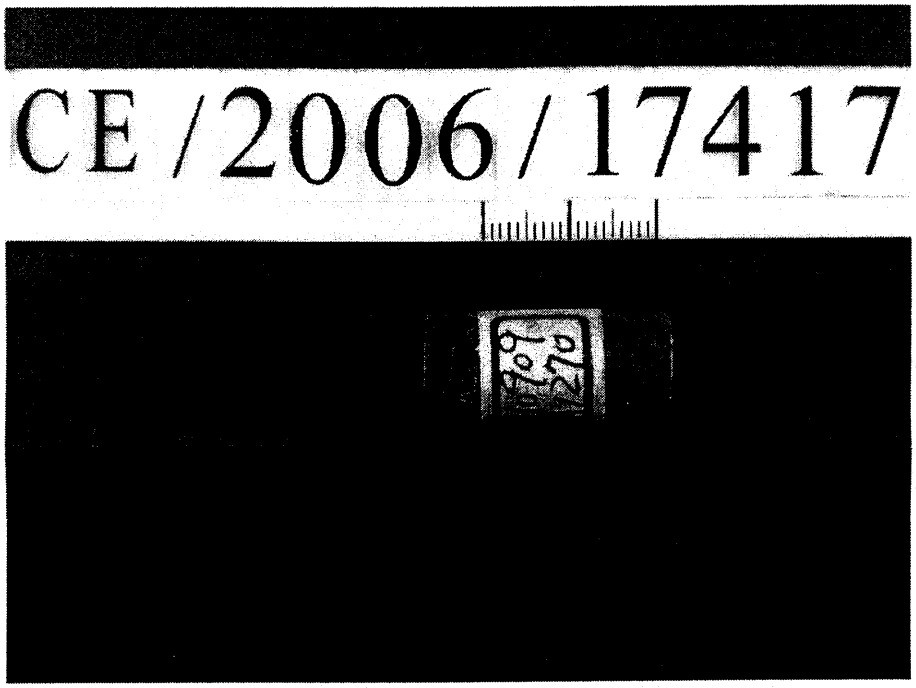
NO. 136-1, Wu Kung Road, WuKu Industrial Zone, Taipei county, Taiwan.
t(886-2) 22993939 f(886-2) 2299-3237 www.sgs.com.tw

SGS

Test Report

YUANG HSIAN METAL INDUSTRIAL CORP.
175, CHANG SHOEI ROAD, CHANG HUA CITY, TAIWAN

Report No. : CE/2006/17417A
Date : 2006/02/08
Page : 2 of 2



NO. 136-1, Wu Kung Road, WuKu Industrial Zone, Taipei county, Taiwan.
t(886-2) 22993939 f(886-2) 2299-3237 www.sgs.com.tw

TEST REPORT

REPORT NO.KA/2006/20922A-01
DATE: 2006/2/22

THE FOLLOWING MERCHANDISE WAS(WERE) SUBMITTED ON BEHALF OF THE CLIENT AND IDENTIFIED AS :

CLIENT : DING MING INDUSTRY LTD.
PRODUCT DESCRIPTION : GOLD PLATING PRODUCT.
SAMPLE : AS ATTACHED PHOTO.
TESTING DATE : 2006/2/15 TO 2006/2/22 .
SAMPLE RECEIVED : 2006/02/15.

==========

WE HAVE TESTED THE SAMPLE(S) SUBMITTED AS REQUESTED AND THE FOLLOWING RESULTS WERE OBTAINED.

TEST ITEM(S)	UNIT	METHOD	MDL	RESULT
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122 :2001 or other acid digestion.	2	n.d.
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	n.d.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	n.d.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	n.d.
PBBs(Polybrominated biphenyls)	---	---	---	---
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	n.d.
Dibromobiphenyl	%		0.0005	n.d.
Tribromobiphenyl	%		0.0005	n.d.
Tetrabromobiphenyl	%		0.0005	n.d.
Pentabromobiphenyl	%		0.0005	n.d.
Hexabromobiphenyl	%		0.0005	n.d.
Heptabromobiphenyl	%		0.0005	n.d.
Octabromobiphenyl	%		0.0005	n.d.
Nonabromobiphenyl	%		0.0005	n.d.
Decabromobiphenyl	%		0.0005	n.d.
PBDEs(Polybrominated biphenyl ethers)	---	---	---	---
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	n.d.
Dibromobiphenyl ether	%		0.0005	n.d.
Tribromobiphenyl ether	%		0.0005	n.d.
Tetrabromobiphenyl ether	%		0.0005	n.d.
Pentabromobiphenyl ether	%		0.0005	n.d.
Hexabromobiphenyl ether	%		0.0005	n.d.
Heptabromobiphenyl ether	%		0.0005	n.d.
Octabromobiphenyl ether	%		0.0005	n.d.
Nonabromobiphenyl ether	%		0.0005	n.d.
Decabromobiphenyl ether	%		0.0005	n.d.

NOTE: (1) n.d. = not detected
(2) ppm = mg/kg
(3) MDL = Method Detection Limit

SGS TAIWAN LTD SGS TAIWAN

Kueilan Chen / Asst. Supervisor
Sign for and on behalf of
SGS Taiwan Limited

TW 2593367

TEST REPORT

SGS TAIWAN LTD SGS TAIWAN

TW2593385

SGS

TEST REPORT

REPORT NO.KA/2006/20923A-01
DATE: 2006/2/22

THE FOLLOWING MERCHANDISE WAS(WERE) SUBMITTED ON BEHALF OF THE CLIENT AND IDENTIFIED AS :

CLIENT	:	DING MING INDUSTRY LTD.
PRODUCT DESCRIPTION	:	NICKEL PLATING PRODUCT.
SAMPLE	:	AS ATTACHED PHOTO.
TESTING DATE	:	2006/2/15 TO 2006/2/22 .
SAMPLE RECEIVED	:	2006/02/15.

==========

WE HAVE TESTED THE SAMPLE(S) SUBMITTED AS REQUESTED AND THE FOLLOWING RESULTS WERE OBTAINED.

TEST ITEM(S)	UNIT	METHOD	MDL	RESULT
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122 :2001 or other acid digestion.	2	n.d.
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	n.d.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	n.d.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	n.d.
PBBs(Polybrominated biphenyls)	---	---	---	---
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	n.d.
Dibromobiphenyl	%		0.0005	n.d.
Tribromobiphenyl	%		0.0005	n.d.
Tetrabromobiphenyl	%		0.0005	n.d.
Pentabromobiphenyl	%		0.0005	n.d.
Hexabromobiphenyl	%		0.0005	n.d.
Heptabromobiphenyl	%		0.0005	n.d.
Octabromobiphenyl	%		0.0005	n.d.
Nonabromobiphenyl	%		0.0005	n.d.
Decabromobiphenyl	%		0.0005	n.d.
PBDEs(Polybrominated biphenyl ethers)	---	---	---	---
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	n.d.
Dibromobiphenyl ether	%		0.0005	n.d.
Tribromobiphenyl ether	%		0.0005	n.d.
Tetrabromobiphenyl ether	%		0.0005	n.d.
Pentabromobiphenyl ether	%		0.0005	n.d.
Hexabromobiphenyl ether	%		0.0005	n.d.
Heptabromobiphenyl ether	%		0.0005	n.d.
Octabromobiphenyl ether	%		0.0005	n.d.
Nonabromobiphenyl ether	%		0.0005	n.d.
Decabromobiphenyl ether	%		0.0005	n.d.

NOTE: (1) n.d. = not detected
(2) ppm = mg/kg
(3) MDL = Method Detection Limit

SGS TAIWAN LTD SGS TAIWAN

Kueilan Chen / Asst. Supervisor
Sign for and on behalf of
SGS Taiwan Limited

TW2593381

SGS

TEST REPORT

SGS TAIWAN LTD SGS TAIWAN

TW2593380

2001

SGS

Test Report

No. SH570049/CHEM Date: 9.29.2005

FLUOTECH INDUSTRIES CO., LTD
NO.26, DIN HU 2ST, KUEI-SHAN HSIANG, TAO YUAN HSIEN, TAIWAN

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

Sample Name	: PTFE PART
SGS Ref No.	: SHEC0050926317
Model	: ROD/TUBE
Main Substance	: FLUOROPOLYMER
Material	: PTFE
Supplier	: DAIKIN
Sample Receiving Date	: September 26, 2005
Testing Period	: September 26 to September 29, 2005

Test Requested : 1) To determine the Cadmium Content of the submitted sample.
2) To determine the Lead content of the submitted sample.
3) To determine Mercury Content of the submitted sample.
4) To determine Hexavalent Chromium content of the submitted sample.
5) To determine the PBBs(Polybrominated biphenyls) PBBEs(PBDEs) (Polybrominated biphenyl ethers) Content of the submitted sample.

Test method : 1) With reference to BS EN 1122:2001, Method B or other acid digestion Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.
2) With reference to US EPA Method 3050B or other acid digestion Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES) or Atomic Absorption Spectrometry.
3) With reference to US EPA 3052 or other acid digestion, Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry (ICP-AES) or US EPA7473 Analysis was performed by Hg Analyzer.
4) With reference to US EPA3060A and US EPA7196A Analysis was performed by UV-VIS Spectrometric method.
5) With reference to USEPA 8081A/8270C/3540C/3550B, Analysis was performed by GC/MS.

Test Results : Please refer to next page

Signed for and on behalf of
SGS-CSTC Ch[illegible]

Ella Zhang
Supervisor

SGS-CSTC CONSUMER TESTING SERVICES SGS SHANGHAI

SHCH 337286

Test Results :

No.	Item	Unit	MDL	A*
1	Cadmium (Cd)	ppm	2	N.D.
2	Lead (Pb)	ppm	2	N.D.
3	Mercury (Hg)	ppm	2	N.D.
4	Hexavalent Chromium (Cr VI)	ppm	2	N.D.
5	PBBs(Polybrominated biphenyls)	---	---	---
	PBBs(Bromobiphenyl)	ppm	5	N.D.
	PBBs(Dibromobiphenyl)	ppm	5	N.D.
	PBBs(Tribromobiphenyl)	ppm	5	N.D.
	PBBs(Tetrabromobiphenyl)	ppm	5	N.D.
	PBBs(Pentabromobiphenyl)	ppm	5	N.D.
	PBBs(Hexabromobiphenyl)	ppm	5	N.D.
	PBBs(Heptabromobiphenyl)	ppm	5	N.D.
	PBBs(Octabromobiphenyl)	ppm	5	N.D.
	PBBs(Nonabromobiphenyl)	ppm	5	N.D.
	PBBs(Decabromobiphenyl)	ppm	5	N.D.
	PBBEs(PBDEs)(Polybrominated biphenyl ethers)	---	---	---
	PBBEs(PBDEs)(Monobromobiphenyl ether)	ppm	5	N.D.
	PBBEs(PBDEs)(Dibromobiphenyl ether)	ppm	5	N.D.
	PBBEs(PBDEs)(Tribromobiphenyl ether)	ppm	5	N.D.
	PBBEs(PBDEs)(Tetrabromobiphenyl ether)	ppm	5	N.D.
	PBBEs(PBDEs)(Pentabromobiphenyl ether)	ppm	5	N.D.
	PBBEs(PBDEs)(Hexabromobiphenyl ether)	ppm	5	N.D.
	PBBEs(PBDEs)(Heptabromobiphenyl ether)	ppm	5	N.D.
	PBBEs(PBDEs)(Octabromobiphenyl ether)	ppm	5	N.D.
	PBBEs(PBDEs)(Nonabromobiphenyl ether)	ppm	5	N.D.
	PBBEs(PBDEs)(Decabromobiphenyl ether)	ppm	5	N.D.

Sample Appearance Description:

A. White solid stick

Note : ppm=mg/kg
MDL= Method Detection Limit
N.D. = Not detected.(<MDL)
*Only for reference

*** End of Report ***

SHCH 337489

Test Report

SYUN-LI APPLIED MATERIALS TECHNOLOGY, INC.
5F, NO. 1 INDUSTRY E. 2 RD. II, SCIENCE-BASED
INDUSTRIAL PARK HSINCHU, TAIWAN

Report No. : CE/2006/11167
Date : 2006/01/12

The following merchandise was (were) submitted and identified by the client as :

Type of Product	:	SPCC
Style/Item No	:	SPCC
Sample Received	:	2006/01/05
Testing Date	:	2006/01/05 TO 2006/01/12

==========

Conclusion : The test results of Pb, Cd, Hg, Cr+6, PBB and PBDE for the submitted sample comply with the requirements of RoHS (2002/95/EC).

Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

SYUN-LI APPLIED MATERIALS TECHNOLOGY, INC.
5F, NO. 1 INDUSTRY E. 2 RD. II, SCIENCE-BASED INDUSTRIAL PARK HSINCHU, TAIWAN

Report No. : CE/2006/11167
Date : 2006/01/12

Test Result

PART NAME NO.1 : SILVER COLORED METAL

PASS

Test Item (s):	Unit	Method	MDL	Result No.1	Limit of ROHS
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	-
Dibromobiphenyl	%		0.0005	N.D.	-
Tribromobiphenyl	%		0.0005	N.D.	-
Tetrabromobiphenyl	%		0.0005	N.D.	-
Pentabromobiphenyl	%		0.0005	N.D.	-
Hexabromobiphenyl	%		0.0005	N.D.	-
Heptabromobiphenyl	%		0.0005	N.D.	-
Octabromobiphenyl	%		0.0005	N.D.	-
Nonabromobiphenyl	%		0.0005	N.D.	-
Decabromobiphenyl	%		0.0005	N.D.	-
Total PBBs(Polybrominated biphenyls)/Sum of above	%		-	N.D.	0.1
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	-
Dibromobiphenyl ether	%		0.0005	N.D.	-
Tribromobiphenyl ether	%		0.0005	N.D.	-
Tetrabromobiphenyl ether	%		0.0005	N.D.	-
Pentabromobiphenyl ether	%		0.0005	N.D.	-
Hexabromobiphenyl ether	%		0.0005	N.D.	-
Heptabromobiphenyl ether	%		0.0005	N.D.	-
Octabromobiphenyl ether	%		0.0005	N.D.	-
Nonabromobiphenyl ether	%		0.0005	N.D.	-
Decabromobiphenyl ether	%		0.0005	N.D.	-
Total PBBEs(PBDEs)(Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.	-
Total of Mono to Nona-brominated biphenyl ether. (Note 5)	%		-	N.D.	0.1

Test Report

SYUN-LI APPLIED MATERIALS TECHNOLOGY, INC.
5F, NO. 1 INDUSTRY E. 2 RD. II, SCIENCE-BASED
INDUSTRIAL PARK HSINCHU, TAIWAN

Report No. : CE/2006/11167
Date : 2006/01/12

PASS

Test Item (s):	Unit	Method	MDL	Result	Limit of ROHS
				No.1	
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	N.D.	1000
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.	100
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.	1000
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	41.5	1000

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) " - " = Not Regulation
(5) Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
(6) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.

Test Report

SYUN-LI APPLIED MATERIALS TECHNOLOGY, INC.
5F, NO. 1 INDUSTRY E. 2 RD. II, SCIENCE-BASED
INDUSTRIAL PARK HSINCHU, TAIWAN

Report No. : CE/2006/11167
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Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
3F, NO. 99, WU KONG ROAD, WU KU INDUSTRIAL PARK,
HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2005/91084A
Date : 2005/09/14
Page : 1 of 12

The following merchandise was (were) submitted and identified by the client as :

Type of Product	:	SILICONE
Style/Item No	:	BASE-P-10; KE-055; KE-520; KE-870; KE-931; KE-941; KE-951; KE-5612; KE-961; KE-971; KE-981; DY32-152U; DY32-7069U; DY32-10000KE080; KET0550; KET-072U; KET-080U; KE-5151U; BY16-140; SH502U A/B; SH1447UA
Sample Received	:	2005/06/21 & 2005/09/07
Testing Date	:	2005/06/21 TO 2005/06/29 & 2005/09/07 TO 2005/09/14

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Test Result : - Please see the next page -

* This report is combined with report of CE/2005/64676D *

Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
3F, NO. 99, WU KONG ROAD, WU KU INDUSTRIAL PARK,
HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2005/91084A
Date : 2005/09/14

Test Result

PART NAME NO.1 : BLACK RUBBER SHEET

Test Item (s):	Unit	Method	MDL	Result
				No.1
Asbestos				
Anthrophyllite(CAS NO.017068-78-9)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative
Crocidolite(CAS NO.012001-28-4)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative
Amosite(CAS NO.012172-73-5)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative
Tremolite(CAS NO.014567-73-8)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative
Chrysotile(CAS NO.012001-29-5)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative
Actinolite(CAS NO.013768-00-8)	**	As per NIOSH 9000 method. Analysis was performed by XRD.	-	Negative

Test Item (s):	Unit	Method	MDL	Result
				No.1
AZO		As per LMBG 8202-2		
4-AMINODIPHENYL (CAS NO.92-67-1)	ppm	Analysis was performed by GC/MS.	3	N.D.
BENZIDINE (CAS NO.92-87-5)	ppm	Analysis was performed by GC/MS.	3	N.D.
4-CHLORO-O-TOLUIDINE (CAS NO.95-69-2)	ppm	Analysis was performed by GC/MS.	3	N.D.
2-NAPHTHYLAMINE (CAS NO.91-59-8)	ppm	Analysis was performed by GC/MS.	3	N.D.
O-AMINOAZOTOLUENE (CAS NO.97-56-3)	ppm	Analysis was performed by GC/MS.	3	N.D.

Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
3F, NO. 99, WU KONG ROAD, WU KU INDUSTRIAL PARK,
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Report No. : CE/2005/91084A
Date : 2005/09/14

Test Item (s):	Unit	Method	MDL	Result
				No.1
2-AMINO-4-NITROTOLUENE (CAS NO.99-55-8)	ppm	Analysis was performed by GC/MS.	3	N.D.
P-CHLOROANILINE (CAS NO.106-47-8)	ppm	Analysis was performed by GC/MS.	3	N.D.
2,4-DIAMINOANISOLE (CAS NO.615-05-4)	ppm	Analysis was performed by GC/MS.	3	N.D.
4,4-DIAMINODIPHENYLMETHANE (CAS NO.101-77-9)	ppm	Analysis was performed by GC/MS.	3	N.D.
3,3-DICHLOROBENZIDINE (CAS NO.91-94-1)	ppm	Analysis was performed by GC/MS.	3	N.D.
3,3-DIMETHOXYBENZIDINE (CAS NO.119-90-4)	ppm	Analysis was performed by GC/MS.	3	N.D.
3,3-DIMETHYLBENZIDINE (CAS NO.119-93-7)	ppm	Analysis was performed by GC/MS.	3	N.D.
3,3-DIMETHYL-4,4-DIAMINODIPHENYLMETHANE (CAS NO.838-88-0)	ppm	Analysis was performed by GC/MS.	3	N.D.
P-CRESIDINE(2-METHOXY-5-METHYLANILINE) (CAS NO.120-71-8)	ppm	Analysis was performed by GC/MS.	3	N.D.
4,4-METHYLENE-BIS-(2-CHLORANILINE) (CAS NO.101-14-4)	ppm	Analysis was performed by GC/MS.	3	N.D.
4,4-OXYDIANILINE (CAS NO.101-80-4)	ppm	Analysis was performed by GC/MS.	3	N.D.
4,4-THIODIANILINE (CAS NO.139-65-1)	ppm	Analysis was performed by GC/MS.	3	N.D.
O-TOLUIDINE (CAS NO.95-53-4)	ppm	Analysis was performed by GC/MS.	3	N.D.
2,4-TOLUYLENDIAMINE (CAS NO.95-80-7)	ppm	Analysis was performed by GC/MS.	3	N.D.
2,4,5-TRIMETHYLANILINE (CAS NO.137-17-7)	ppm	Analysis was performed by GC/MS.	3	N.D.
O-ANISIDINE (CAS NO.90-04-0)	ppm	Analysis was performed by GC/MS.	3	N.D.
P-AMINOAZOBENZENE (CAS NO.60-09-3)	ppm	Analysis was performed by GC/MS.	3	N.D.

Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
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Report No. : CE/2005/91084A
Date : 2005/09/14

Test Item (s):	Unit	Method	MDL	Result
				No.1
CFC's(Chlorofluorocarbons)		With reference to US EPA 8260.		
Group I				
Chlorofluorocarbon-11(CAS No:000075-69-4)	ppm	Analysis was performed by GC/MS.(CFC's(Chlorofluorocarbons))	1	N.D.
Chlorofluorocarbon-12(CAS No:000075-71-8)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-113(CAS No:000076-13-1)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-114(CAS No:000076-14-2)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-115(CAS No:000076-15-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Group III				
Chlorofluorocarbon-13(CAS No:000075-72-9)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-111(CAS No:000354-56-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-112(CAS No:000076-12-0)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-211(CAS No:135401-87-5)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-212(CAS No:076564-99-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-213(CAS No:060285-54-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.

Test Report

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Report No. : CE/2005/91084A
Date : 2005/09/14

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chlorofluorocarbon-214(CAS No:002268-46-4)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-215(CAS No:000076-17-5)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-216(CAS No:001652-80-8)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Chlorofluorocarbon-217(CAS No:000422-86-6)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chlorinated Paraffin (C10~C13) (CAS NO:010871-26-2)	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by GC/MS or GC/ECD.	0.01	N.D.

Test Item (s):	Unit	Method	MDL	Result
				No.1
Formaldehyde(CAS No:000050-00-0)	ppm	With reference to DIN 53315 & USEPA 8315A. Analysis was performed by HPLC/DAD/MS	0.2	N.D.

Test Item (s):	Unit	Method	MDL	Result
				No.1
HCFC's(Hydrogenated chlorofluorocarbons)		With reference to US EPA 8260.		
Hydrochlorofluorocarbon-21(CAS No.:000075-43-4)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-22(CAS No.:000075-45-6)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.

Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
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HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2005/91084A
Date : 2005/09/14

Test Item (s):	Unit	Method	MDL	Result
				No.1
Hydrochlorofluorocarbon-31(CAS No.:000593-70-4)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-121(CAS No.:000354-14-3)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-122(CAS No.:000354-21-2)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-123(CAS No.:000306-83-1)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-124(CAS No.:002837-89-0)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-131(CAS No.:000359-28-4)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-131b(CAS No.:000471-43-2)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-133a(CAS No.:000075-88-7)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-141b(CAS No.:001717-00-6)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-221	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.

Test Report

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3F, NO. 99, WU KONG ROAD, WU KU INDUSTRIAL PARK,
HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2005/91084A
Date : 2005/09/14

Test Item (s):	Unit	Method	MDL	Result
				No.1
Hydrochlorofluorocarbon-222(CAS No.:000422-30-0)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-223	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-224	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-225ca(CAS No.:000422-56-0)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-225cb(CAS No.:000507-55-1)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-226(CAS No.:000431-87-8)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-231	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-232	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-233	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-234	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.

Test Report

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HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2005/91084A
Date : 2005/09/14

Test Item (s):	Unit	Method	MDL	Result
				No.1
Hydrochlorofluorocarbon-235(CAS No.:013838-16-9)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-241	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-242	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-243(CAS No.:000338-75-0)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-244	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-251	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-252	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-253(CAS No.:000354-06-1)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-261(CAS No.:000420-97-3)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.
Hydrochlorofluorocarbon-262(CAS No.:000420-97-3)	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.

Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
3F, NO. 99, WU KONG ROAD, WU KU INDUSTRIAL PARK,
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Report No. : CE/2005/91084A
Date : 2005/09/14

Test Item (s):	Unit	Method	MDL	Result No.1
Hydrochlorofluorocarbon-271	ppm	Analysis was performed by GC/MS. [HCFC's (Hydrogenated chlorofluorocarbons)]	1	N.D.

Test Item (s):	Unit	Method	MDL	Result No.1
Mirex(CAS NO:002385-85-5)	ppm	Analysis was performed by GC/MS.	4	N.D.

Test Item (s):	Unit	Method	MDL	Result No.1
Organic-tin coumpounds				
Triphenyl Tin(TPT)(CAS NO:000668-34-8)	ppm	With reference to 89/677/EEC & DIN 38407. Analysis was performed by GC/FPD.	0.03	N.D.
Tributyl Tin(TBT)	ppm	With reference to 89/677/EEC & DIN 38407. Analysis was performed by GC/FPD.	0.03	N.D.

Test Item (s):	Unit	Method	MDL	Result No.1
PCBs(Polychlorinated Biphenyls)(CAS NO:001336-36-3)	ppm	With reference to USEPA 8082A. Analysis was performed by GC/MS or GC/ECD.	0.5	N.D.

Test Item (s):	Unit	Method	MDL	Result No.1
Polychlorinated Naphthalene	ppm	With reference to USEPA 8081B. Analysis was performed by GC/MS.	5	N.D.

Test Item (s):	Unit	Method	MDL	Result No.1
PVC (CAS No:9002-86-2)	**	Analysis was performed by FTIR/ATR and Pyro-GC/MS.	-	Negative

Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
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HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2005/91084A
Date : 2005/09/14
Page : 10 of 12

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	ppm	UV-VIS after reference to US EPA 3060A.	2	N.D.
Arsenic (As)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.
Beryllium (Be)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Nickel (Ni)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.
Antimony (Sb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.
Tellurium (Te)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.

Test Item (s):	Unit	Method	MDL	Result
				No.1
Halon		With reference to US EPA 8260.		
Halon-1211	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Halon-1301	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
Halon-2402	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.

Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
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HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2005/91084A
Date : 2005/09/14
Page : 11 of 12

Test Item (s):	Unit	Method	MDL	Result
				No.1
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl	%		0.0005	N.D.
Tribromobiphenyl	%		0.0005	N.D.
Tetrabromobiphenyl	%		0.0005	N.D.
Pentabromobiphenyl	%		0.0005	N.D.
Hexabromobiphenyl	%		0.0005	N.D.
Heptabromobiphenyl	%		0.0005	N.D.
Octabromobiphenyl	%		0.0005	N.D.
Nonabromobiphenyl	%		0.0005	N.D.
Decabromobiphenyl	%		0.0005	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl ether	%		0.0005	N.D.
Tribromobiphenyl ether	%		0.0005	N.D.
Tetrabromobiphenyl ether	%		0.0005	N.D.
Pentabromobiphenyl ether	%		0.0005	N.D.
Hexabromobiphenyl ether	%		0.0005	N.D.
Heptabromobiphenyl ether	%		0.0005	N.D.
Octabromobiphenyl ether	%		0.0005	N.D.
Nonabromobiphenyl ether	%		0.0005	N.D.
Decabromobiphenyl ether	%		0.0005	N.D.
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.

Test Item (s):	Unit	Method	MDL	Result
				No.1
PCTs(Polychlorinated Terphenyls)	ppm	Analysis was performed by GC/MS or GC/ECD.	0.5	N.D.

Test Report

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3F, NO. 99, WU KONG ROAD, WU KU INDUSTRIAL PARK,
HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2005/91084A
Date : 2005/09/14
Page : 12 of 12

Test Item (s):	Unit	Method	MDL	Result
				No.1
Halogen		As per EN14582 method B.		
Halogen-Chlorine (Cl)(CAS No:007782-50-5)	ppm	Filling the oxygen and absorb solution in the flask and take sample in the flask and burn it, the absorb solution was analyzed by IC method.	50	N.D.
Halogen-Fluorine (F)(CAS No:007782-41-4)	ppm	Filling the oxygen and absorb solution in the flask and take sample in the flask and burn it, the absorb solution was analyzed by IC method.	50	N.D.
Halogen-Bromine (Br)(CAS No:007726-95-6)	ppm	Filling the oxygen and absorb solution in the flask and take sample in the flask and burn it, the absorb solution was analyzed by IC method.	50	N.D.
Halogen-Iodine (I)(CAS No:007553-56-2)	ppm	Filling the oxygen and absorb solution in the flask and take sample in the flask and burn it, the absorb solution was analyzed by IC method.	50	N.D.

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) " - " = No Regulation
(5) " --- " = Not Applicable
(6) * = Results shown are of the adjusted analytical results
(7) ** = Qualitative analysis (No Unit)
(8) Negative = Undetectable / Positive = Detectable
(9) The MDL is 5ppm for the single compound of CP

Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
3F, NO. 99, WU KONG ROAD, WU KU INDUSTRIAL PARK, HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2006/40603
Date : 2006/04/11
Page : 1 of 5

The following merchandise was (were) submitted and identified by the client as :

Type of Product	:	PIONEER 5000A
Sample Received	:	2006/04/03
Testing Date	:	2006/04/03 TO 2006/04/11

==========

Test Result : - Please see the next page -

Daniel Yeh, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

Test Report

Test Result

PART NAME NO.1 : TRANSPARENT TWIN ADHESIVE

Test Item (s):	Unit	Method	MDL	Result No.1
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl	%		0.0005	N.D.
Tribromobiphenyl	%		0.0005	N.D.
Tetrabromobiphenyl	%		0.0005	N.D.
Pentabromobiphenyl	%		0.0005	N.D.
Hexabromobiphenyl	%		0.0005	N.D.
Heptabromobiphenyl	%		0.0005	N.D.
Octabromobiphenyl	%		0.0005	N.D.
Nonabromobiphenyl	%		0.0005	N.D.
Decabromobiphenyl	%		0.0005	N.D.
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.
Monobromobiphenyl ether	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl ether	%		0.0005	N.D.
Tribromobiphenyl ether	%		0.0005	N.D.
Tetrabromobiphenyl ether	%		0.0005	N.D.
Pentabromobiphenyl ether	%		0.0005	N.D.
Hexabromobiphenyl ether	%		0.0005	N.D.
Heptabromobiphenyl ether	%		0.0005	N.D.
Octabromobiphenyl ether	%		0.0005	N.D.
Nonabromobiphenyl ether	%		0.0005	N.D.
Decabromobiphenyl ether	%		0.0005	N.D.
Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%		-	N.D.
Total of Mono to Nona-brominated biphenyl ether. (Note 4)	%		-	N.D.

Test Report

PIONEER CONDUCTOR RUBBER INDUSTRIAL CO., LTD.
3F, NO. 99, WU KONG ROAD, WU KU INDUSTRIAL PARK, HSIN CHUANG, TAIPEI HSIEN, TAIWAN, R. O. C.

Report No. : CE/2006/40603
Date : 2006/04/11

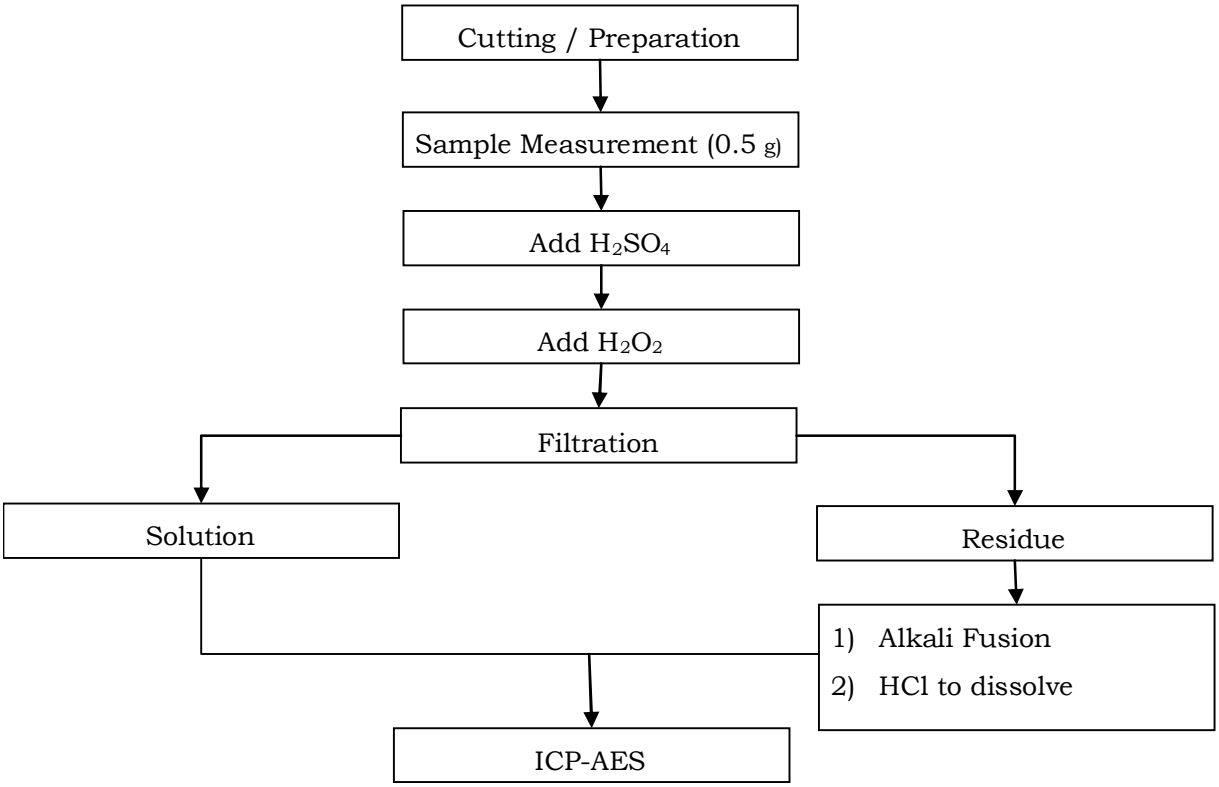
Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	N.D.

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) Decabromobiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
(5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.
(6) " - " = Not Regulation

Test Report

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
2) Name of the person who made measurement: Anren Lee
3) Name of the person in charge of measurement: Daniel Yeh

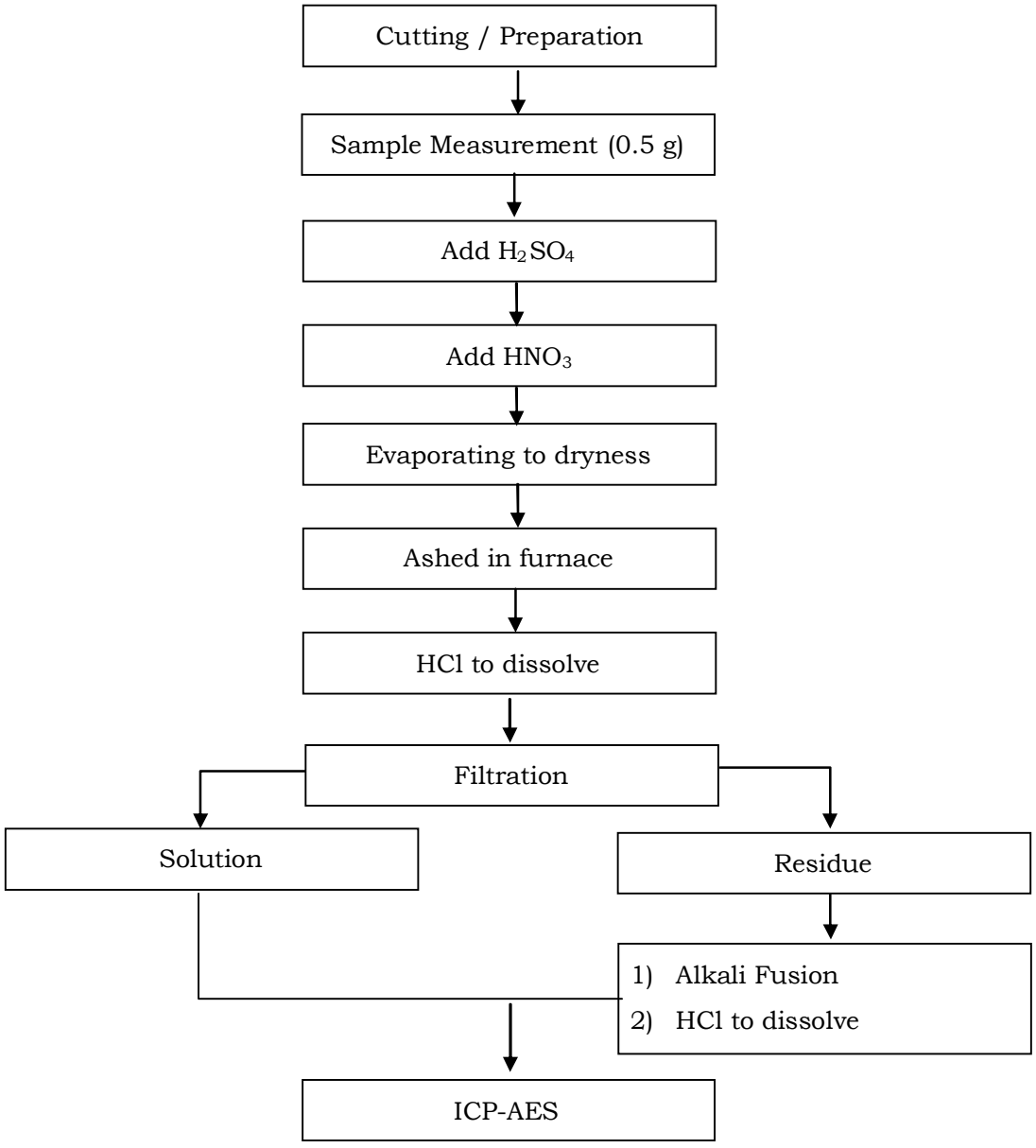
Flow Chart of Digestion for Plastic – EN1122 for Cd (residue left)



Test Report

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
2) Name of the person who made measurement: Anren Lee
3) Name of the person in charge of measurement: Daniel Yeh

Flow Chart of Digestion for Plastic – Wet Decomposition for Pb (residue left)



S42

未使用有害物質保證書

Release Date :
2005/11/16

(Unused Harmful Substance Guarantee)

茲提出此保證書，保證本公司所生產或代理提供之產品不含有附錄中禁用之各項有害物質／符合附錄中各項有害物質之用量限制。

Provided this Guarantee Letter to ensure our manufacture／represent products without appendix harmful substance.

增補條款：本公司保證所生產或代理提供之產品不含有附錄中禁用之有害物質或符合附錄中有害物質之用量限制。

中磊料號 (SerComm P/N)	供應商料號 (Vendor P/N)	中磊料號 (SerComm P/N)	供應商料號 (Vendor P/N)
	C147-510242-A		

如經檢驗發現所述不實，願負責賠償中磊電子股份有限公司之所有損失。
If any outside the limits of the practical after test and verify, Company shall indemnify SerComm all losses, damages and the associated expenses and costs no matter how much incurred.

增補條款：如經檢驗發現本公司所生產或代理提供之產品含有附件中禁用之有害物質或逾有害物質之用量限制，本公司願意賠償中磊電子股份有限公司因此所造成之損害。

立保證書（Submit by）

公司名稱（Company）：譁裕實業股份有限公司

負責人（Chairman）：林祺生

地址（Address）：新竹市公道五路二段 326 號

電話（Telephone）：03-5714225

簽章（Autographed seal）：林祺生

此致

中磊電子股份有限公司

西元 2006 年 7 月 6 日

附件（Appendix ）：禁用物質（Prohibited Substances in Products）

Substances	For Device	For Packing
	Criteria Level A	Criteria Level B
Mental		
Cadmium and Cadmium Compounds	100 ppm	100 ppm
Hexavlent Chromium Compounds	1000 ppm	100 ppm
Lead and Lead Compounds	1000 ppm（PVC Cables＜300ppm）	100 ppm
Mercury and Mercuey Compounds	1000 ppm	100 ppm
Tributyl Tin Oxide (TBTO)	Intentionally added	
Tributyl Tin (TBT) and Triphenyl Tin (TPT)	Intentionally added	
Halogenated organic componds		
Polybrominated Biphenyls (PBBs)	1000 ppm	
Polybrominated Diphenylethers (PBDEs)	1000 ppm	
Polybrominated Biphenyls (PCBs)	Intentionally added	
Polychlorinated Naphthalenes (more than 3 chlorineatoms)	Intentionally added	
Short Chain Chlorinated Paraffins	Intentionally added	
Others		
Asbestos	Intentionally added	
Azo Colorants	Intentionally added	
Ozone Depleting Substances	Intentionally added	
Radioactive Substances	Intentionally added	

S45

中磊電子股份有限公司
SERCOMM CORP.
新竹公司：台北公司：
350苗栗縣竹南鎮友義路81號3樓　115台北市南港區園區街3-1號8樓
3F, No. 81 YuYi Rd., Chu-Nan,　(南港軟體工業園區G棟)
Miao-Li 350, Taiwan, R. O. C.8F, No. 3-1, YuanQu St., NanKang,
TEL:886-37-585899(Rep.) FAX:886-37-585000Taipei 115, Taiwan, R. O. C.
http://www.sercomm.com(Nan Kang Software industry Park)

Date:	2006.07.06		
Supplier Company Name（供應商名稱）:	譁裕實業股份有限公司		
Supplier Product Name（供應商品名）:	RF Cable Assembly	**Sercomm Product Name（中磊品名）:**	
Supplier Product Part Number（供應商料號）:	C147-510242-A	**Sercomm Product Part#（中磊料號）:**	
Product Total Mass（產品總重）(g):	213.22		
Contact Name（聯絡人姓名）:	陳世忠		
Division and TiTle（單位與職稱）:	研發處/副總經理		

Material/Substance Category Name	**ICP TEST Results (ppm)**	**Material Substance Mass(g)**	**RoHS Criteria**
Asbestos (石綿)	0	0	Intentionally added
Azo Colorants (偶氮化合物, 著色劑)	0	0	Intentionally added
Cadmium and Cadmium Compounds	0.562679392	0.1199745	100 ppm
Hexavalent Chromium/Hexavalent Chromium Compounds	0	0	1000 ppm
Lead and Lead Compounds	862.0092463	183.7976115	1000 ppm（PVC Cables < 300ppm)
Mercury and Mercuey Compounds	0	0	1000 ppm
Ozone Depleting Substances (臭氧破壞物質)	0	0	Intentionally added
Polybrominated Biphenyls (PBBs) (多溴聯苯)	0	0	1000 ppm
Polybrominated Diphenylethers (PBDEs) (多溴二苯醚)	0	0	1000 ppm
Polybrominated Biphenyls (PCBs) (多氯聯苯)	0	0	Intentionally added
Polychlorinated Naphthalenes(cl>3) 多氯化萘	0	0	Intentionally added
Radioactive Substances (輻射物質)	0	0	Intentionally added
Short Chain Chlorinated Paraffins (短鏈氯化石臘)	0	0	Intentionally added
Tributyl Tin Oxide (TBTO) 三丁基氧化錫	0	0	Intentionally added
Tributyl Tin (TBT) and Triphenyl Tin(TPT) 三丁基錫與三	0	0	Intentionally added

Remark: 1. When ICP Test Result is N.D.(Not Detected), put "0" into column.
2. Intentionally ADDed, put on the concentration values.
3. NON-intentionally ADDed, put "0" into column.
4. The Criteria for p