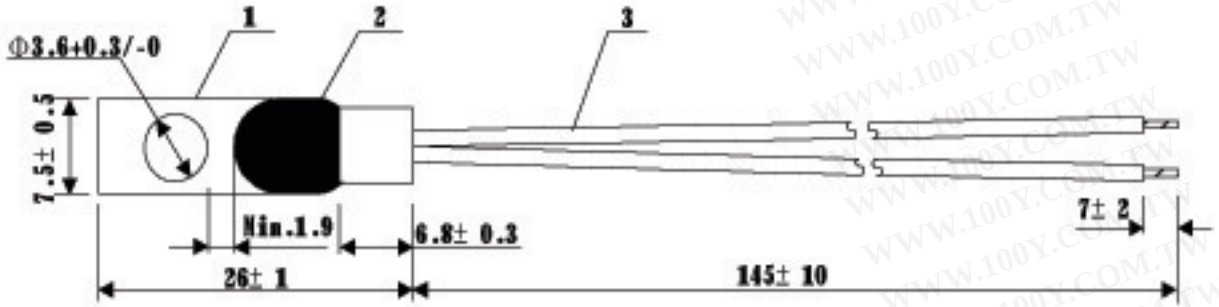
A. Material List

NO.	ITEM	DESCRIPTION
1	TERMINAL	SQNB5-3.7
2	COATING RESIN	BLACK EPOXY
3	LEAD WIRE	UL 1430#22 TC WHITR WIRE

B. Electrical Characteristic

ITEM	VALUE
R25℃	10KΩ±5%
B25/50	4050K±5%



Customer	勝特力
Customer P/N	
Thinking P/N	NTSA0103JZ100
Drawing NO.	SA0602004
Date	2006.07.27

Rev.	Subjects of Change	Scale:		Tol:	±mm	Unit:	mm
		Approved by		Checked by		Designed by	

SUBJECT:CERTIFICATION OF MATERIALS

CUSTOMER: 勝特力

THINKING P/N: NTSA0103JZ100

NO	PART NAME	PART P/N	Q'TY	MANUFACTURER OF MATERIAL	FLAMMABILITY SOLID BURNING CLASS	UL FILE NO
1	TERMINAL	SQNB5-3.7	1	QINWEI OR EQUIVALENT	PHOS BRONZE	
2	COATING RESIN	BLACK EPOXY		JAPAN		
3	LEAD WIRE	UL 1430#22 TC WHITR WIRE	2	LTK OR EQUIVALENT	VW-1	UL APPROVED
REMARK						

Specification of NTC Thermistor for Temperature Measurement and Control

PART NO . NTSA0103JZ100

CUSTOMER P/N . _____

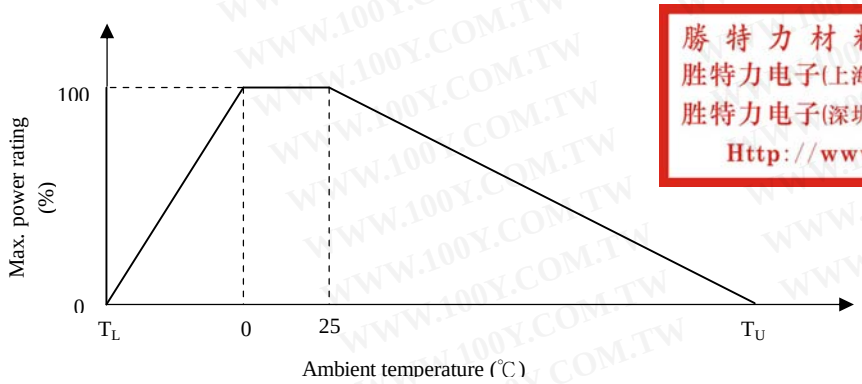
1. Electrical characteristics

	Parameter	Symbol	Test Conditions	Min.	Nor.	Max.	Unit.
a.	Resistance At 25℃	R_{25}	Ta=25℃±0.05℃ $P_T \leqq 0.1mW$	9.5	10.0	10.5	KΩ
b.	Resistance At 50℃	R_{50}	Ta=50℃±0.05℃ $P_T \leqq 0.1mW$	-----	3.496	-----	KΩ
c.	R_{25}/R_{50}	K	----------	-----	2.860	-----	-----
d	B Constant	$B_{25/50}$	(3853.778* LnK)	3848	4050	4253	K
e.	Thermal Dissipation Constant	δ	Ta=25℃±0.5℃	5	-----	-----	mW/℃
f.	Thermal Time Constant	τ	Ta=25℃±0.5℃	-----	-----	60	Sec
g.	Hi-Pot Test	-------	1000V AC 1 sec	-----	-----	10	mA

2.Maximun Ratings

	Parameter	Specification	Unit
a.	Operation Temperature Range	-20 ----- +105	℃
b.	Maximum Power Rating (At 25℃)	150	mW

Maximum power rating (Pmax)



Note: T_L = Minimum Temp. of Operating Temp. Range (℃)

T_U = Maximum Temp. of Operating Temp. Range (℃)

Specification of NTC Thermistor for Temperature Compensation

3. Mechanical Characteristics

Leads Terminal Tensile Strength

Conditions	Test Result	
Fasten body with a Load Applied	No break out	OK
to each lead 1.0 kg for 10 sec.	and damage	

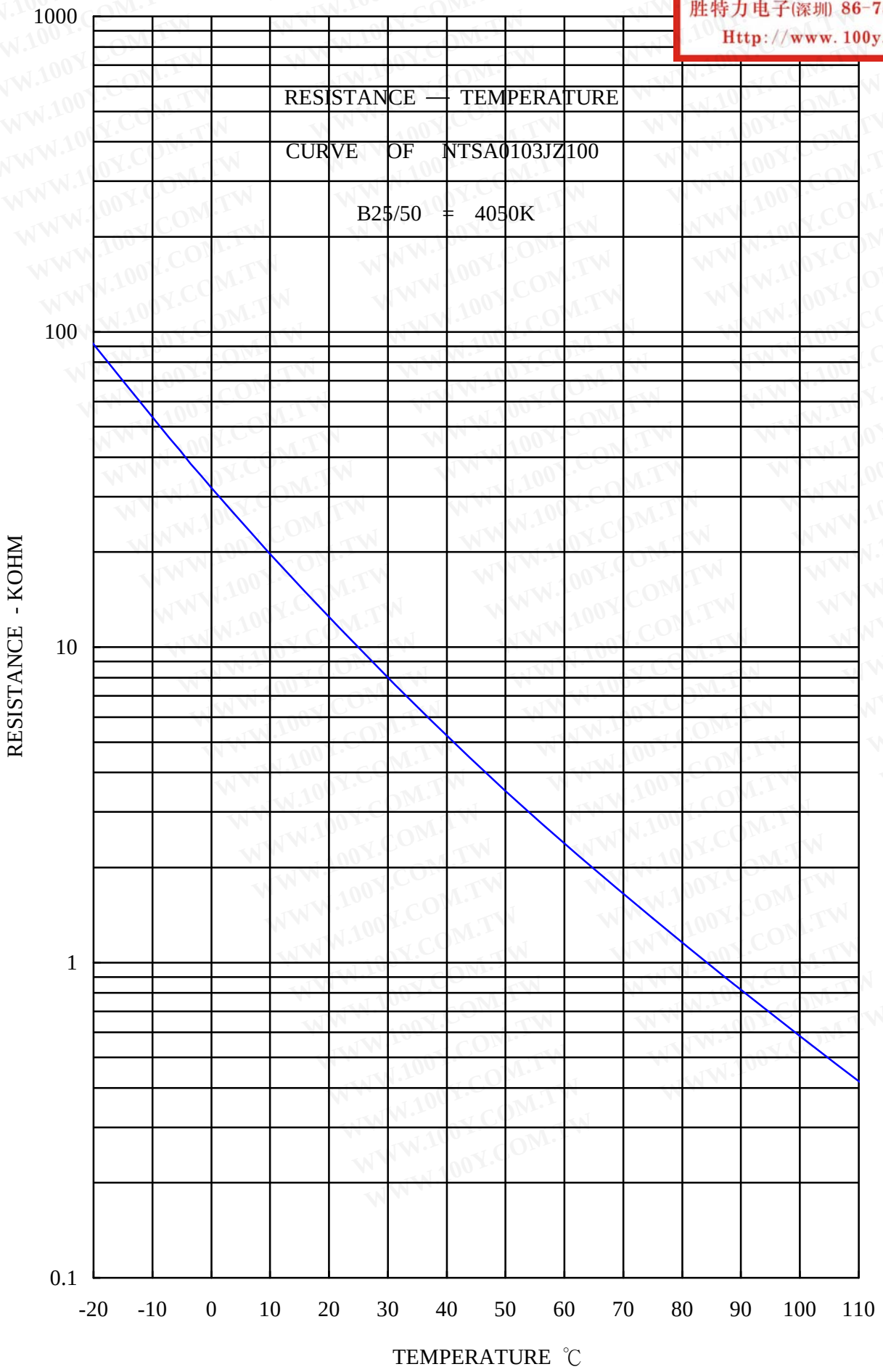
4. Reliability Test

Item	Test Conditions	Variable
Temp. cycle test	-20 ℃ x 30min → +25 ℃ x 5min +105 ℃ x 30min → +25 ℃ x 5min x 10Cycles	Within ± 5 %
Humidity test	45 ℃ 95 % RH x 1000 HRS	Within ± 5 %
Insulation test	DC 500 V	MIN: 100 MΩ

RESISTANCE — TEMPERATURE

CURVE OF NTSA0103JZ100

B25/50 = 4050K



Test Report

No.: GZ0601003199/CHEM Date: JAN 16 2006 Page 1 of 1

QIN WEI HARDWARE PRODUCT FACTORY
AI JIAN XIN VILLAGE DA SHI LING INDUSTRIAL ZONE LONG GANG SHEN ZHEN CHINA

Report on the submitted sample said to be HARDWARE BEARING

SGS Ref No. : SZ060101069RS-2.1
Manufacturer/Supplier : QIN WEI
Sample Receiving Date : JAN 10, 2006
Testing Period : JAN 10, 2006 TO JAN 16, 2006

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

Test Method : Lead content - With reference to EPA method 3050B: 1996 / other acid digestion.
Cadmium content - With reference to BS EN 1122: 2001 method B / other acid digestion.
Mercury content - With reference to EPA 3052: 1996 / other acid digestion.
Hexavalent Chromium content - With reference to EPA 3060A: 1996 & EPA 7196A: 1992.
Analysis was performed by Atomic Absorption Spectrometer / Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) / UV-VIS Spectrophotometer.

Results :

Item	Unit	MDL	Multi-color plated metal rod
Lead Content (Pb)	ppm	2	7
Cadmium Content (Cd)	ppm	2	N.D.
Mercury Content (Hg)	ppm	2	N.D.
Hexavalent Chromium (Cr VI)	ppm	2	N.D.

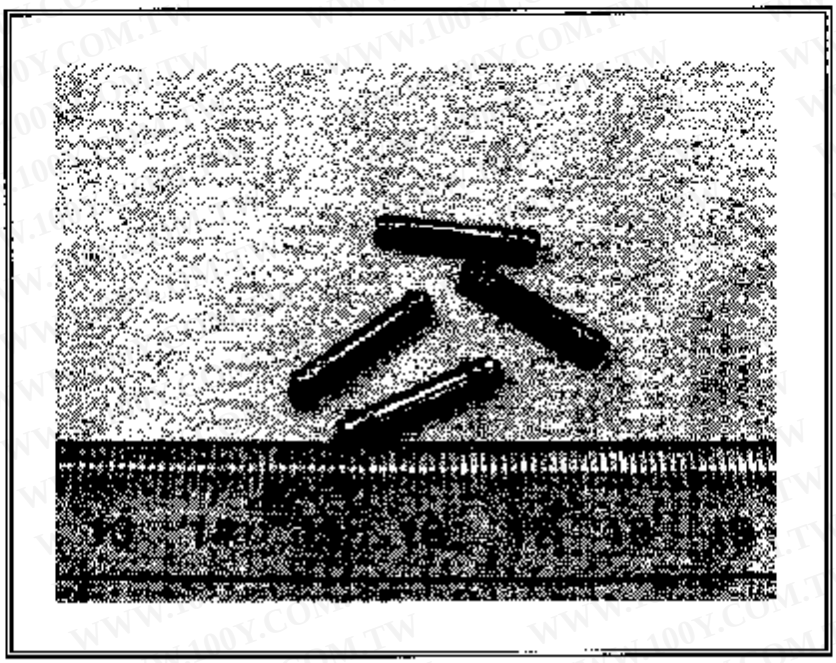
Note : - N.D. = Not Detected (< MDL)
- MDL= Method Detection Limit
- ppm = mg/kg

*** End of Report ***

Signed for and on behalf of
SGS-CSTC Ltd.

Zhang L., Amy
Sr. Engineer

PHOTO APPENDIX



SGS authenticate the photo on original report only

Signed for and on behalf of
SGS-CSTC Ltd.

Zhang Li, Amy
Sr. Engineer

SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Additional Laboratory
中山·广州·经济技术开发区科学城科珠路98号 邮编 510663 t (86-20) 82155555 f (86-20) 82075113 www.cn.sgs.com
e sgs.china@sgs.com

SGS

Test Report

No. SH590811/CHEM Date: 11.30.2005

THINKING (CHANGZHOU) ELECTRONIC CO., LTD
WUJIN HIGH & NEW-TECH INDUSTRIAL DEVELOPMENT ZONE, CHANGZHOU, JIANGSU, CHINA

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

Sample Name	: NTC CERAMIC DISC
SGS Ref No.	: SHEC0051133364-2
Model	: NTC CERAMIC DISC
Main substance	: $Mn_3O_4/Co_2O_3/Ni_2O_3/CuO/Fe_2O_3$
Supplier	: THINKING (CHANGZHOU) ELECTRONIC CO., LTD
Sample Receiving Date	: November 25, 2005
Testing Period	: November 25 to November 30, 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.

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.

Test Results : Please refer to next page

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Ella Zhang
Supervisor

SHCHEM 414913

SGS-CSTC Standards Technical Services Co., Ltd.
Shanghai Branch Chemical Laboratory
10/F, 3rd Building, No.889, Yishan Road, Shanghai, China 200233 t (86-21)61402666*2720 f (86-21)54500314 www.cn.sgs.com
中国·上海·宜山路889号3号楼10层 邮编:200233 t (86-21)61402553 f (86-21)54500314 e sgs.china@sgs.com

SGS

Test Report

No. SH590811/CHEM Date: 11.30.2005

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.

Sample Appearance Description(Photo see appendix):
A. Grey solid sheet

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

*** End of Report ***

SHCHEM 414912

SGS-CSTC Standards Technical Services Co., Ltd. Shanghai Branch
10/F, 3rd Building, No.889, Yishan Road, Shanghai, China 200233 t (86-21)61402666 * 2720 f (86-21)54500314 www.cn.sgs.com
中国·上海·宜山路889号3号楼10层 邮编:200233 t (86-21)61402553 f (86-21)54500314 e sgs.china@sgs.com

Test Report

No.: GZ0603024811/CHEM Date: MAR 13, 2006

HONG SHANG HEAT SHRINRABLE MATERIALS CO., LTD.
THE 2ND INDUSTRIAL AREA, NANKENG CUN BANTIAN, BUJI SHENZHEN 518129 CHINA

Report on the submitted sample said to be HEAT-SHRINKABLE TUBING H-2 (Z)

SGS Ref No.	: SZ06030867RS-2.1
Buyer	: SONY
Sample Receiving Date	: MAR 06, 2006
Testing Period	: MAR 06, 2006 TO MAR 13, 2006

Test Requested : (1) As specified by client, to determine the Lead, Cadmium & Mercury content in the submitted sample.
(2) Determination of the presence of Hexavalent Chromium Cr(VI) in the submitted metallic samples.
(3) Determination of PBBs (Polybrominated Biphenyls), PBDEs (Polybrominated Diphenylethers) of the submitted sample.

Test Method : (1) Cadmium content : With reference to BS EN 1122:2001 Method B see flowchart (1).
Lead content : Ashing after wet decomposition see flowchart (2).
Mercury content - With reference to EPA 3052: 1996 / other acid digestion.
Analysis was performed by Atomic Absorption Spectrometer / Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES).
(2) With reference to the Committee Draft of IEC 62321, Ed.1 (Sec. 10 – Alkaline Digestion Procedure).
(3) 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

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Testing Service Technical Laboratory
198 KEZHU Road, SCIENTECH Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20)82155555 f (86-20)82075113 www.cn.sgs.com
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)82075113 e sgs.china@sgs.com

Results :

(1)

	Black plastic tube w/ white printing
Lead Content (Pb)	N.D.
Cadmium Content (Cd)	N.D.
Mercury Content (Hg)	N.D.

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

(2)

	Black plastic tube w/ white printing
Hexavalent Chromium [Cr(VI)]	N.D.

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

(3)

	Black plastic tube w/ white printing
Flame Retardants	
Polybrominated Biphenyls (PBBs)	
Monobromobiphenyl	ND
Dibromobiphenyl	ND
Tribromobiphenyl	ND
Tetrabromobiphenyl	ND
Pentabromobiphenyl	ND
Hexabromobiphenyl	ND
Heptabromobiphenyl	ND
Octabromobiphenyl	ND
Nonabromodiphenyl	ND
Decabromodiphenyl	ND
Polybrominated Diphenylethers (PBDEs)	
Monobromodiphenyl ether	ND
Dibromodiphenyl ether	ND
Tribromodiphenyl ether	ND
Tetrabromodiphenyl ether	ND
Pentabromodiphenyl ether	ND
Hexabromodiphenyl ether	ND
Heptabromodiphenyl ether	ND
Octabromodiphenyl ether	ND
Nonabromodiphenyl ether	ND
Decabromodiphenyl ether	ND

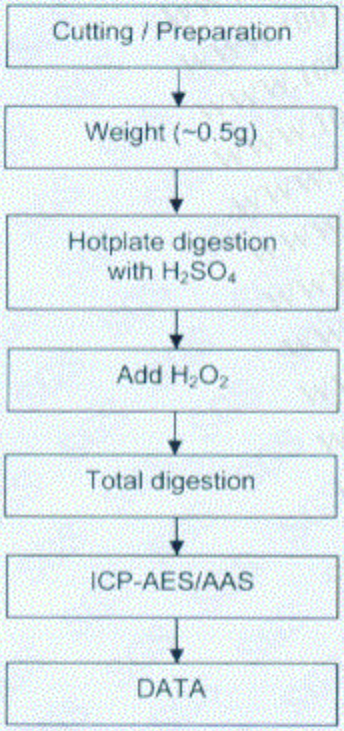
Note : - N.D. = Not Detected (< 5 ppm)
- ppm = mg/kg

*** End of Report ***

ATTACHMENTS

(1)

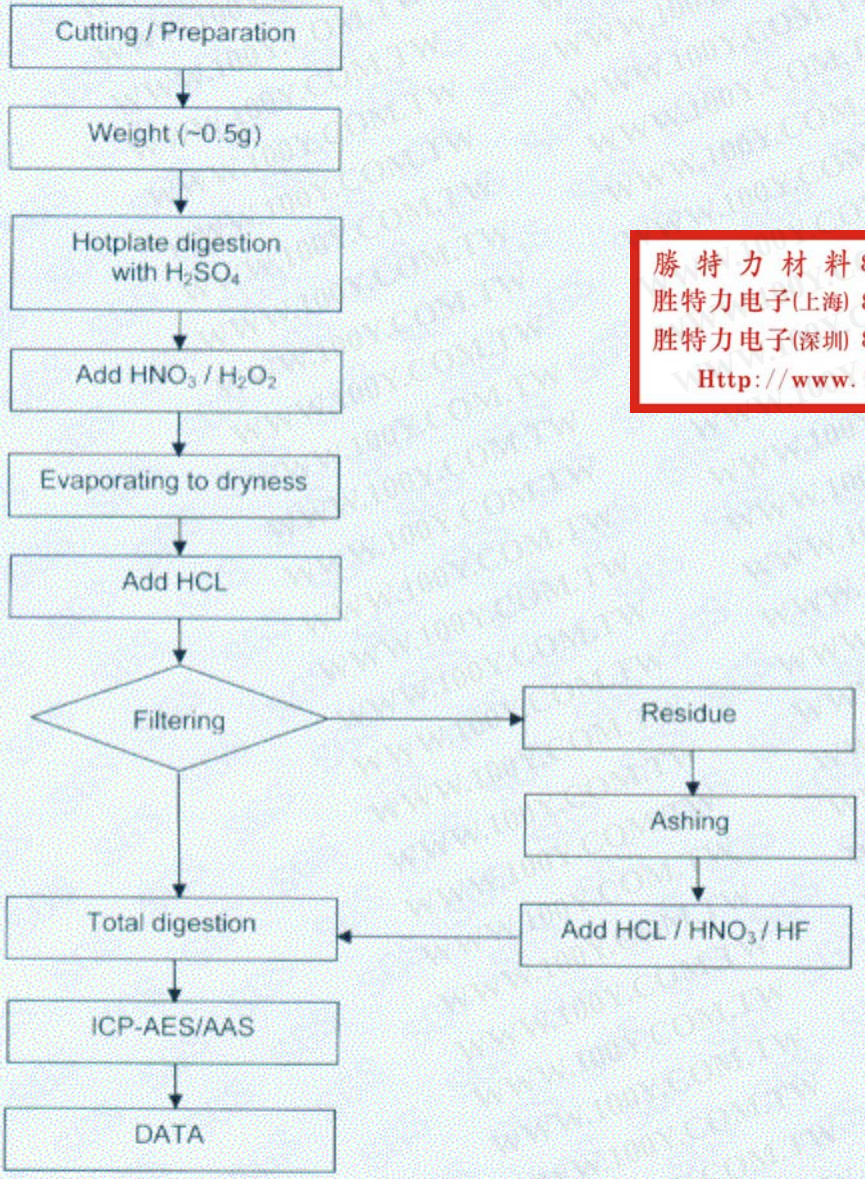
Flow chart of digestion (Cadmium content) :



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

Operator : Sams Deng
Leader : Joe Li

(2)
Flow chart of digestion (wet decomposition and ashing) (Lead content) :



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

Operator : Vincent Li
Leader : Adams Yu

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90720
Date : 2005/09/12
Page : 1 of 11

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

Type of Product	:	EPOXY RESIN HARDENER
Style/Item No	:	EPIFORM H-143
Sample Received	:	2005/09/05
Testing Date	:	2005/09/05 TO 2005/09/12

==========

Test Result : - Please see the next page -

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

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90720
Date : 2005/09/12

Test Result

PART NAME NO.1 : BLACK LIQUID (PLEASE REFER TO THE PHOTO ATTACHED)

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:133401-87-5)	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.

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90720
Date : 2005/09/12

Test Item (s):	Unit	Method	MDL	Result
				No.1
Chlorofluorocarbon 213(CAS No:060285-54-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
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:0108171-26-2)	%	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
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

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90720
Date : 2005/09/12

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.
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.

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90720
Date : 2005/09/12

Test Item (s):	Unit	Method	MDL	Result
				No.1
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.
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.

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90720
Date : 2005/09/12

Test Item (s)	Unit	Method	MDL	Result
				No.1
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.
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.

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90720
Date : 2005/09/12

Test Item (s):	Unit	Method	MDL	Result No.1
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.
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
1,1,1-trichloroethane	ppm	With reference to US EPA 8260. Analysis was performed by GC/MS.	1	N.D.

Test Item (s):	Unit	Method	MDL	Result No.1
Carbon tetrachloride	ppm	With reference to US EPA 8260. Analysis was performed by GC/MS/HEADSPACE.	1	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 Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

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
PCTs(Polychlorinated Terphenyls)	ppm	Analysis was performed by GC/MS or GC/ECD.	0.5	N.D.

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	270.0
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.

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90720
Date : 2005/09/12

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
PVC (CAS No:9002-86-2)	**	Analysis was performed by FTIR/ATR and Pyro-GC/MS.	-	Negative

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90720
Date : 2005/09/12

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.
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) " - " = 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

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90721
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The following merchandise was (were) submitted and identified by the client as :

Type of Product	:	EPOXY RESIN COMPOUND
Style/Item No	:	EPIFORM R-2101
Sample Received	:	2005/09/05
Testing Date	:	2005/09/05 TO 2005/09/12

==========

Test Result : - Please see the next page -

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

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90721
Date : 2005/09/12

Test Result

PART NAME NO.1 : MILK WHITE LIQUID (PLEASE REFER TO THE PHOTO ATTACHED)

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.

Test Report

SOMAR CORPORATION
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Test Item (s):	Unit	Method	MDL	Result
				No.1
Chlorofluorocarbon 213(CAS No:060285-54-3)	ppm	Analysis was performed by GC/MS. [CFC's (Chlorofluorocarbons)]	1	N.D.
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:0108171-26-2)	%	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
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.

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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.
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.

Test Report

SOMAR CORPORATION
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Test Item (s):	Unit	Method	MDL	Result
				No.1
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.
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.

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

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Test Item (s):	Unit	Method	MDL	Result
				No.1
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.
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.

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90721
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Test Item (s):	Unit	Method	MDL	Result No.1
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.
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
1,1,1 trichoroethane	ppm	With reference to US EPA 8260. Analysis was performed by GC/MS.	1	N.D.

Test Item (s):	Unit	Method	MDL	Result No.1
Carbon tetrachloride	ppm	With reference to US EPA 8260. Analysis was performed by GC/MS/HEADSPACE.	1	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 Report

SOMAR CORPORATION
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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
PCTs(Polychlorinated Terphenyls)	ppm	Analysis was performed by GC/MS or GC/ECD.	0.5	N.D.

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	1010.0
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.

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SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

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
PVC (CAS No:9002-86-2)	**	Analysis was performed by FTIR/ATR and Pyro-GC/MS.	-	Negative

Test Report

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90721
Date : 2005/09/12

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.
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) " - " = 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

SOMAR CORPORATION
19-1, INARI 5-CHOME, SOKA, SAITAMA, 340-8686, JAPAN

Report No. : CE/2005/90721
Date : 2005/09/12

SGS

Test Report

No. 2041214/EC Date : Nov 07 2005

LTK WIRING CO LTD
6/F PHOTONICS CENTRE,
NO. 2, SCIENCE PARK EAST AVENUE,
HONG KONG SCIENCE PARK, PAK SHEK KOK,
SHATIN, N.T.

Report on the submitted sample said to be PVC FOR CABLE.

SGS Job No.	:	1902288
SGS Ref. No.	:	220131
Style / Item No.	:	PVC-416
Buyer	:	SONY
Country of Origin	:	CHINA
Sample Receiving Date	:	OCT 31 2005
Testing Period	:	OCT 31-NOV 04 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 Ling, Family
Laboratory Executive

SGS

Test Results :

Test Item	White Plastic Pellet	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

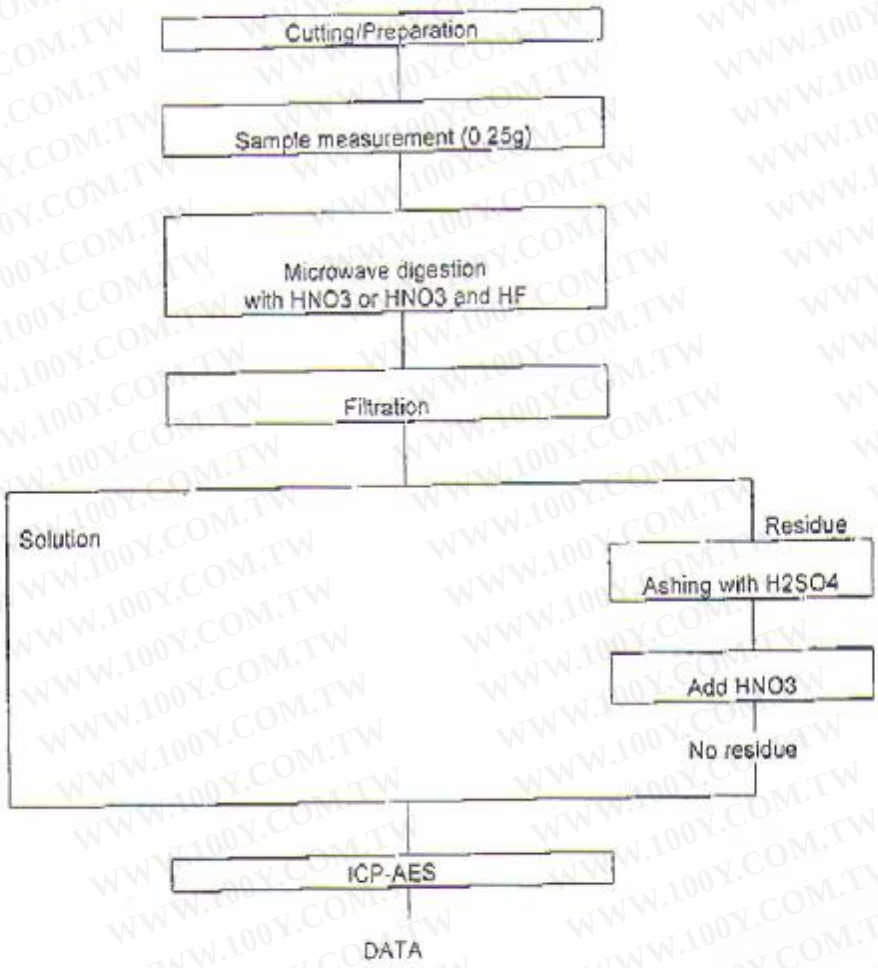
5)

Flame Retardants	White Plastic Pellet	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

H12427247

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

PHOTO APPENDIX

SGS authenticate the photo on original report only

*** End of Report ***

Test Report

No.: GZSCR051188755/LP Date: NOV 22, 2005 Page 1 of 2

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 裸铜线(英文代称 B.C)

SGS Ref No.	: SZ051124519EC-3.2
Manufacturer/Supplier	: 东莞[illegible]
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

SGS

Test Report

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Results :

(1)

	Coppery metal wire
Lead Content (Pb)(ppm)	4
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)

	Coppery 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 ***