

Test Report No. F690101/LF-CTSAYAA12-25742

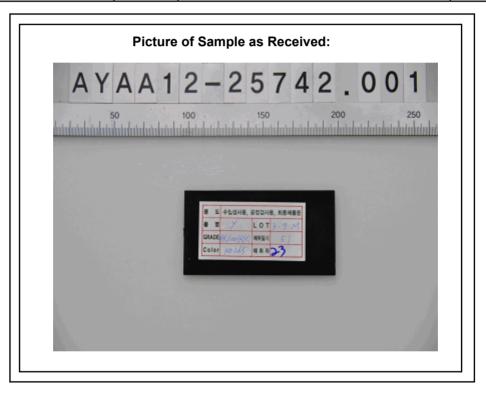
Sample No. : AYAA12-25742.001

Sample Description : LUPOY GN5001RFG-K0265

Item No./Part No. : N/A
Materials : N/A

Halogen Contents

Test Items	Unit	Test Method	MDL	Results
Chlorine(CI)	mg/kg	BS EN 14582:2007, IC	30	N.D.
Bromine(Br)	mg/kg	BS EN 14582:2007 , IC	30	N.D.



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

(2) mg/kg = ppm

(3) MDL = Method Detection Limit

(4) - = No regulation

(5) Negative = Undetectable / Positive = Detectable

(6) ** = Qualitative analysis (No Unit)

(7) * = Boiling-water-extraction:

Negative = Absence of CrVI coating

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/enr/Enris-and-Conditions.aspy. and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/enris-e-document.htm, Alternition is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exercetale partles to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company, Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fulliest extent of the law Unless otherwise stated the results shown in this test report refer only to the sample(s) are retained for 90 days only.

SGS Korea Co..Ltd.

322, The O valley, 555-9, Hogye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea 431-080 t +82 (0)31 4608 000 f +82 (0)31 4608 059 http://www.sgslab.co.kr.www.kr.sgs.com/greenlab

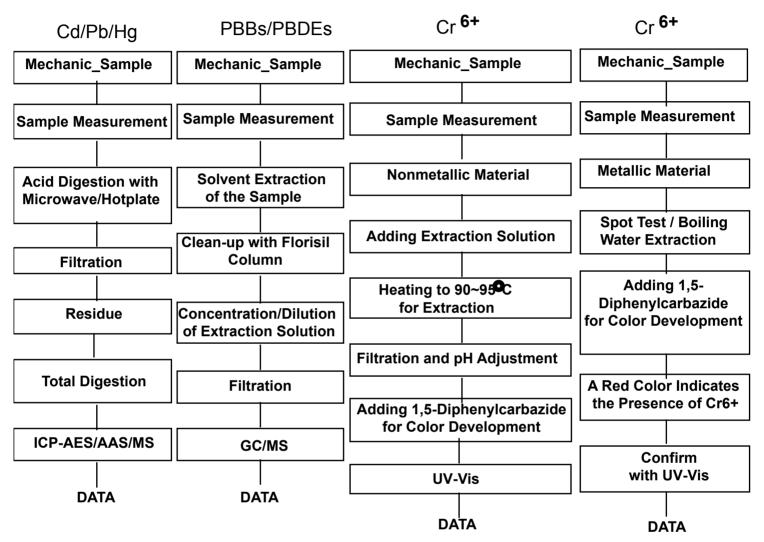
Issued Date: 2012. 07. 10 Page 3 of 5



Test Report No. F690101/LF-CTSAYAA12-25742

Issued Date: 2012. 07. 10 Page 4 of 5

Testing Flow Chart for RoHS:Cd/Pb/Hg/Cr6+ /PBBs&PBDEs Testing



The samples were dissolved totally by pre-conditioning method according to above flow chart for Cd,Pb,Hg. Section Chief: Gilsae Yi

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

(2) mg/kg = ppm

(3) MDL = Method Detection Limit

(4) - = No regulation

(5) Negative = Undetectable / Positive = Detectable

(6) ** = Qualitative analysis (No Unit)

(7) * = Boiling-water-extraction:

Negative = Absence of CrVI coating

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/emrs_e-document.htm, Alternition is drawn to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/emrs_e-document.htm, Alternition is drawn to the limitation of liability, indemnification and printed in structures, if it is a few times of the company's findings at the time of its intervention only and within the limits of Client's instructions, if may, The Company's side responsibility is to its Client and this document and this document and this document does not exomerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company, Any unauthorized alteration, orgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the liable value. The content or appearance of this document is unlawful and offenders may be prosecuted to the liable value. The content or appearance of this document is unlawful and offenders may be prosecuted to the liable value. The content or appearance of this document is unlawful and offenders may be prosecuted to the liable value. The content is advised unlawful and offenders may be prosecuted to the liable value. The content of the content or appearance of this document is unlawful and offenders may be prosecuted to the liable value. The content is advised unlawful and offenders may be prosecuted to the liable value of the content of the content or appearance of this document is unlawful and offenders may be prosecuted to the liable value. The content is advised that the content of th

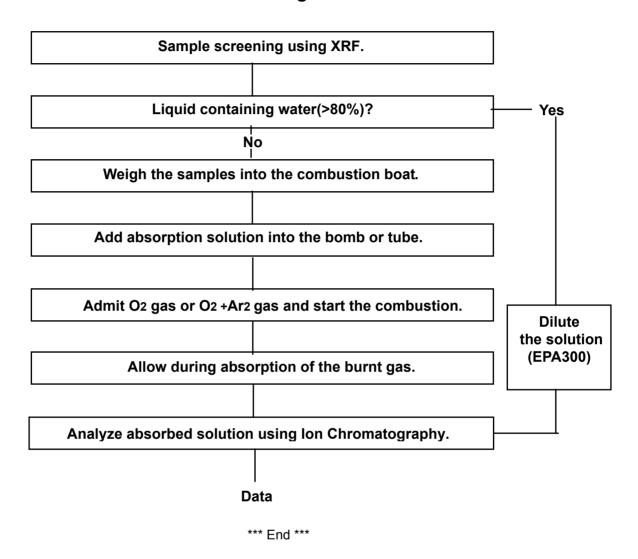
SGS Korea Co.,Ltd.

322, The O valley, 555-9, Hogye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea 431-080 t +82 (0)31 4608 000 f +82 (0)31 4608 059 $\frac{http://www.sgslab.co.kr.,www.kr.sgs.com/greenlab}{http://www.sgslab.co.kr.,www.kr.sgs.com/greenlab}$



Test Report No. F690101/LF-CTSAYAA12-25742

Flow Chart for Halogen Test



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

- (2) mg/kg = ppm
- (3) MDL = Method Detection Limit
- (4) = No regulation
- (5) Negative = Undetectable / Positive = Detectable
- (6) ** = Qualitative analysis (No Unit)
- (7) * = Boiling-water-extraction:

Negative = Absence of CrVI coating

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.ssc.com/en/Ferns-and-Conditions-spx.and, for electronic format documents, subject to Terms and Conditions for service printed overleaf, available on request or accessible at http://www.ssc.com/en/Ferns-and-Conditions-spx.and, for electronic format documents, subject to Terms and Conditions for the ferns and formation of the ferns and ferns and formation of the ferns and formation of the ferns and ferns and

SGS Korea Co.,Ltd.

322, The O valley, 555-9, Hogye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Korea 431-080 t +82 (0)31 4608 000 $\,f$ +82 (0)31 4608 059 $\,http://www.sgslab.co.kr .www.kr.sgs.com/greenlab.$

Issued Date: 2012. 07. 10 Page 5 of 5



Test Report No.: GZ1208415927/CHEM Date: Aug 20, 2012 Page 1 of 5

YUENFUNG ELECTRONICS (SHENZHEN) CO.,LTD
BLOCK 24, FIRST INDUSTRIAL AREA, FUYONG TOWN, BAOAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE.

The following sample(s) was/were submitted and identified on behalf of the applicant as PC PC-110

SGS Job No. : SZ-13492012EC

Manufacturer : KAIWAN
Date of Sample Received : Aug 15, 2012

Testing Period : Aug 15, 2012 TO Aug 20, 2012

Test Requested : Selected test (s) as requested by client.

Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Conclusion: : Based on the performed tests on submitted samples, the results of Lead,

Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE) comply with the limits as set by

RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of SGS-CSTC Ltd.

Alison Zhang

Approved Signatory

Sison

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions. htm and/for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indepolication and jurisdiction issues defined therein. Any holder of this document to a transaction document does not exponentiately its interveption only subject and this document does not exponentiate at this document can of the document does not exponentiate to a transaction from exposing all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any understand alteration, to gery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the rights shown in this test report refer only to the sample(s) tested.

188 Xextus Road Scientech Park Guangstrou Economic & Technology Development District, Guangstrou, Drins 510663 1 (86-20) 82155555 1 (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 1 (86-20) 82155555 1 (86-20) 82075113 e sgs.china@sgs.com



Test Report No.: GZ1208415927/CHEM Date: Aug 20, 2012 Page 2 of 5

Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description

1 GZ1208415927.001 Transparent plastic grains

Remarks:

(1) 1mg/kg=1ppm=0.0001%

- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (<MDL)
- (4) "-" = Not Regulated

RoHS Directive 2011/65/EU

Test Method: With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
- (5) Determination of PBBs and PBDEs by GC-MS.

Test Item(s):	<u>Limit</u>	<u>Unit</u>	MDL	001
Cadmium(Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	2	ND
Sum of PBBs	1000	mg/kg	100	ND
Monobromobiphenyl		mg/kg	5	ND
Dibromobiphenyl		mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl		mg/kg	5	ND
Pentabromobiphenyl		mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl		mg/kg	5	ND
Octabromobiphenyl		mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1000	mg/kg	100	ND
Monobromodiphenyl ether		mg/kg	5	ND
Dibromodiphenyl ether		mg/kg	5	ND

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions. htm. and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms e-document.htm. Attention is drawn to the limitation of liability, indemalfication, and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings, at the time of its intervept of only lind a thin the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exponent on a transaction from explication of biling all their right and obligations under the transaction documents are reproduced except in full, without prior written approval of the Company. Any upstalhorized alteration, organy or faisification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the right is shown in this test report refer only to the sample(s) tested.

199 Kazhu Roxd,Scientech Park Guangshou Economic & Technology Development District, Guangshou China 510663 1 (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 邮編: 510663 1 (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com



lest Report	No.: GZ1208415927/CH	EM	Date: Aug 20, 2012	Page 3 of 5
Tribromodiphenyl ether	- mg/k	g 5	ND	
Tetrabromodiphenyl ether	- mg/k	g 5	ND	
Pentabromodiphenyl ether	- mg/k	g 5	ND	
Hexabromodiphenyl ether	- mg/k	g 5	ND ND	

 Heptabromodiphenyl ether
 mg/kg
 5
 ND

 Octabromodiphenyl ether
 mg/kg
 5
 ND

 Nonabromodiphenyl ether
 mg/kg
 5
 ND

 Decabromodiphenyl ether
 mg/kg
 5
 ND

Notes:

(1) The maximum permissible limit is quoted from the directive 2011/65/EU, Annex II.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms e-document, htm. Attention is drawn to the limitation of its interveption only in a print the limits of client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exponent parties to a transaction from explaining all their right and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any upselforized alteration, progery or fatsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the rights shown in this test report refer only to the sample(s) tested.

SOF STREET STREET

198 Kathu Road Scientech Park Guangshou Economic & Technology Development District Guangshou Chine 5 10663 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: 5 10663 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com

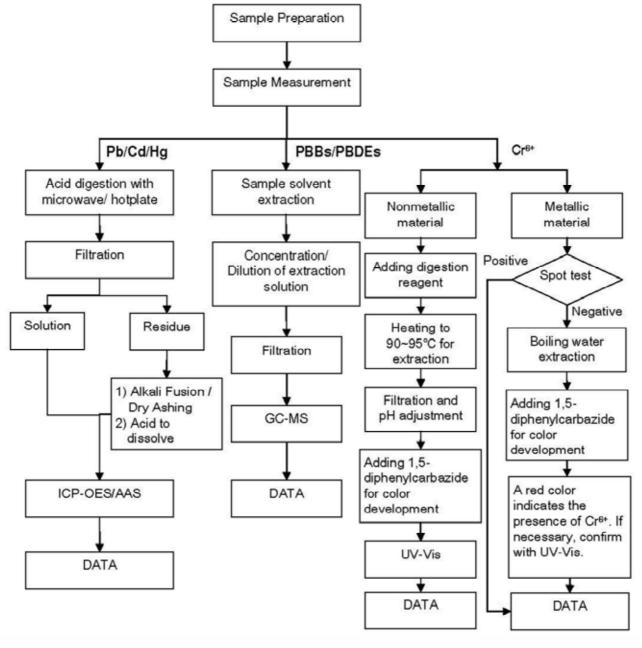


No.: GZ1208415927/CHEM Date: Aug 20, 2012 Page 4 of 5

ATTACHMENTS

RoHS Testing Flow Chart

- 1) Name of the person who made testing: Bella Wang / Cutey Yu / Ross Zhan
- 2) Name of the person in charge of testing: Adams Yu / Ryan Yang
- These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr6+ and PBBs/PBDEs test method excluded).



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions. htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms e-document.htm. Attention is drawn to the limitation of liability, indemplification, and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its interveption with a burning the limits of Client's Instructions, if any. The Company's sole responsibility is to its Client and this document does not exponerate parties to a transaction from exercising all their right, and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any updathorized alteration, orgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

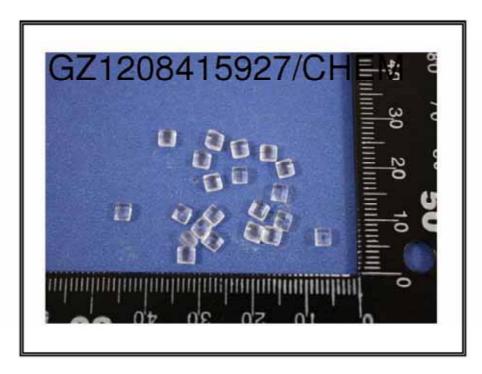
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

198 Kethu Road, Scientech Park Guangstou Economic & Technology Development District, Guangstou Chine 5 10663 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: 5 10663 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com



No.: GZ1208415927/CHEM Date: Aug 20, 2012 Page 5 of 5

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms e-document.htm. Attention is drawn to the limitation of its indemplication issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its interveption only into a print the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not expected to a transaction from explaining all their right and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any upperforized alteration's organization of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the riskits shown in this test report refer only to the sample(s) tested.

198 Kathu Road Scientech Park Guangshou Economic & Technology Development District Guangshou Chine 510663 1 (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 邮編: 510663 1 (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com



Test Report No. CE/2013/81088A Issued Date: 2013/02/27 Page 1 of 7

PTM Engineering Plastics (Nantong) Co., Ltd Nantong Economic and Technological Development Zone, China Hing 171

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

SGS File No. : A Y A A11-00130

Item No./Part No. : M90-44
Main Substance : POM

Received Date : 2013/02/23

Test Period : 2013/02/21 TO 2013/02/27

Test Requested

Test Method

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

: With reference to IEC 62321, Ed.1 111/54/CDV

Procedures for the Determination of Levels of Regulated Substances in

Electrotechnical Products

(1) Determination of Cadmium by ICP.(2) Determination of Lead by ICP.

(3) Determination of Mercury by ICP.

(4) Determination of Hexavalent Chromium by Colorimetric Method.

(5) Determination of PBBs and PBDEs by GC/MS.

Test Results

: Please refer to next pages

Conclusion

: Based on the performed tests on submitted samples, the results comply with the

RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of

SCS-CSTC Chemical Laboratory

Ella Zhang Section Manager Signed for and on behalf of SGS-CSTC Chemical Laboratory

> Sandy Hao Lab Manager

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.



Issued Date: 2013/02/27 Page 2 of 7

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

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

<u>Test Part Description:</u> 1. Beige plastic pellet

Note:

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

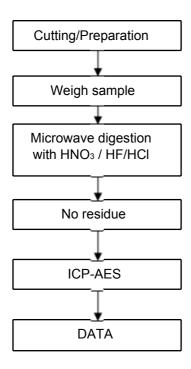
The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.



Test Report No. CE/2013/81088A Issued Date: 2013/02/27 Page 3 of 7

ATTACHMENTS

Cd and Pb Measurement Flowchart for sample



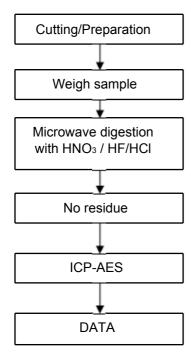
The samples were dissolved totally by pre-conditioning method according to above flow chart.

Tested by : Ken Wang Checked by : Terry Wang

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.



Hg Measurement Flowchart for sample



Tested by : Ken Wang Checked by : Terry Wang

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

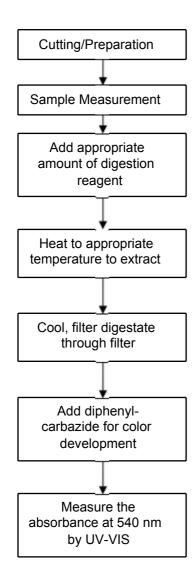
Issued Date: 2013/02/27

Page 4 of 7



Issued Date: 2013/02/27 Page 5 of 7

CrVI Measurement Flowchart for sample

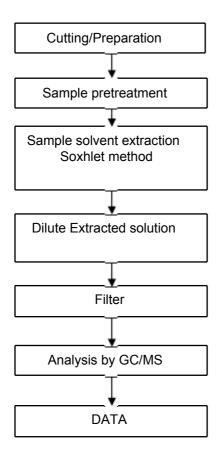


Tested by : George Xu Checked by : Terry Wang

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.



PBBs/PBDEs Measurement Flowchart for sample



Tested by : Diane Wang Checked by : Tracy Yue

The release of this electronic report by SGS RSTS Database system is subject to the terms and conditions of SGS RSTS Database service and those applied to the original hardcopy report. For the purpose of your reference only, this electronic copy is in accordance with the issued report. User of the electronic report shall note that SGS authenticates only the electronic report directly downloaded from SGS RSTS Database system.

Issued Date: 2013/02/27 Page 6 of 7



Issued Date: 2013/02/27 Page 7 of 7

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



Test Report No. CANEC1213021201 Date: 28 Sep 2012 Page 1 of 5

DONG GUAN WIDE CROSS METALS MATERIAL CO.,LTD

OLD VILLAGE MANAGEMENT DISTRICT HUANGJIANG TOWN DONGGUAN CITY CHINA

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

SGS Job No. : CP12-046440 - SZ

Date of Sample Received: 24 Sep 2012

Testing Period: 24 Sep 2012 - 28 Sep 2012

Test Requested: Selected test(s) as requested by client.

Test Method: Please refer to next page(s).

Test Results: Please refer to next page(s).

Conclusion: Based on the performed tests on submitted samples, the results of Lead,

Mercury, Cadmium, Hexavalent chromium comply with the limits as set by RoHS

Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of SGS-CSTC Ltd.

Almay Gao

Approved Signatory

This document is issued by the Company subject to its General Conditions of Service printed overleaf, svaliable on request or accessible at http://www.ags.com/terms_and_conditions. htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, or emplification from and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings_at the time of its instructions, if any. The Company's sole responsibility is to its Client and this document does not exceed a transaction for the properties of the subject of the company is the properties of the company of the compan



Test Report No. CANEC1213021201 Date: 28 Sep 2012 Page 2 of 5

Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description
1 CAN12-130212.001 Brassy metal

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

RoHS Directive 2011/65/EU

Test Method: With reference to IEC 62321:2008

(1) Determination of Cadmium by ICP-OES.

(2) Determination of Lead by ICP-OES.

(3) Determination of Mercury by ICP-OES.

(4) Determination of Hexavalent Chromium by Spot test / Colorimetric Method using UV-Vis.

Test Item(s)	Limit	<u>Unit</u>	MDL	<u>001</u>
Cadmium (Cd)	100	mg/kg	2	11
Lead (Pb)	1,000	mg/kg	2	31411 <1>
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	-	-	\Diamond	Negative

Notes:

- (1) The maximum permissible limit is quoted from the directive 2011/65/EU, Annex II
- (2) Spot-test:

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

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

Boiling-water-extraction:

Negative = Absence of CrVI coating

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

For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

This document is issued by the Company subject to its General Conditions of Sarvice printed overleef, available on request or accessible at http://www.sgs.com/terms.and-conditions, the man for electronic format document, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms.e-document.htm. Attention is drawn to the limitation of liability against the following the subject of the su



Date: 28 Sep 2012 No. CANEC1213021201 Page 3 of 5

Remark<1>: According to the declaration from the client, Lead (Pb) in specimen is exempted by EU RoHS Directive 2011/65/EU based on: Copper alloy containing up to 4 % lead by weight.

This document is issued by the Company subject to its General Conditions of Service printed overfeef, available on request or accessible at http://www.sgs.com/ferms_and_conditions.
htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/ferms_a-document.htm, Attention is drawn to the limitation of liability manneting for a property of the second of the company's findings at the time of its part within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not excessate parties to a transaction for severesing all their rights and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company of unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

The second of the company is transaction to the second of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

198 Northu Road, Scientech Park Guargathou Economic & Technology Development District, Guargathou China 510663 t (86–20) 82155555 f (86–20) 82075113 中国。广州、经济技术开发区科学城科珠路198号



No. CANEC1213021201

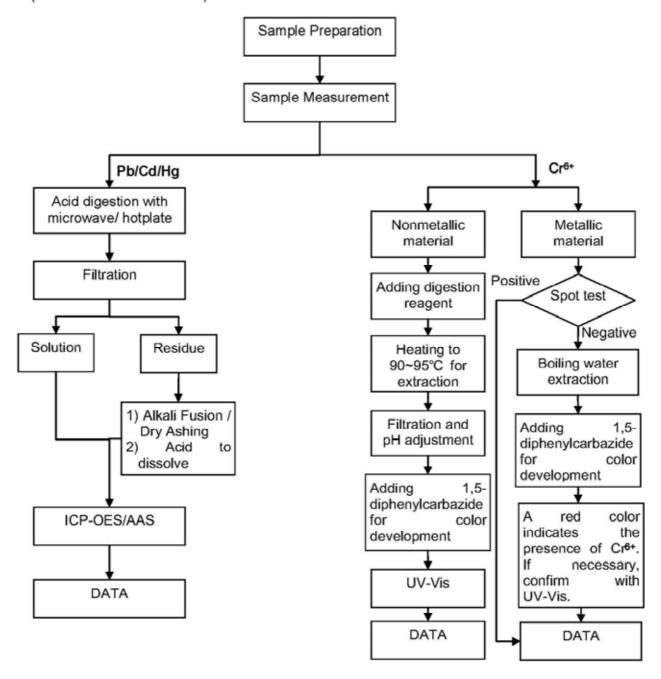
Date: 28 Sep 2012

Page 4 of 5

ATTACHMENTS

RoHS Testing Flow Chart

- 1) Name of the person who made testing: Bella Wang
- 2) Name of the person in charge of testing: Adams Yu
- These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr6+ test method excluded).



This document is issued by the Company subject to its General Conditions of Service printed overleaf, svallable on request or accessible at http://www.sgs.com/terms.and.conditions.
htm. and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms.e-document.htm. Attention is drawn to the limitation of liability transmitted from the following state of the company is finding at the time of large transmitted from soil within the limits of Client's instructions, if any. The Company is sole responsibility is to its Client and this document does not exconerate parties to the from the secretary of the company is sole responsibility and the company in the company is unauthorized alterial on, forgery or falsification of the content or appearance of this document is unlawful and affenders may be prosecuted to the fullest extent of the law.

The company is a state of the results shown to this test report refer only to the sample(s) tested.

198 Kentu Road Scientech Park Guargatou Economic & Technology Development District, Guargatous China 510663 t (86-20) 82155555 f (86-20) 82075113 www.cn.s.jps.com 中国 •广州 •经济技术开发区科学城科珠路198号 邮線: 510663 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com



No. CANEC1213021201

Date: 28 Sep 2012

Page 5 of 5

Sample photo:



SGS authenticate the photo on original report only *** End of Report ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.
http://www.sgs.com/terms_a-document.htm. Attention is drawn to the limitation of lability of amount of the limitation of lability of amount of the limitation of the limitat

198 Kerhu Road, Scientech Park Guangshou Economic & Technology Development District, Guangshou China 510:0663 1 (86-20) 82155555 1 (86-20) 82075113 中国·广州·经济技术开发区科学城科珠路198号

Member of the SGS Group (SGS SA)



Report No. RLNBF000119930001

Page 1 of 4

Applicant NINGHAI YINGFENG OPTICAL COMPONENT CO.,LIMITED

Address NINGHAI TOWN, ZHEJIANG PROVINCE

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

Sample Name POM

Sample Received Date Jan. 10, 2013

Testing Period Jan. 10, 2013 to Jan. 14, 2013

Test Requested As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg),

Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs) in the submitted sample(s).

Test Method

Test Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
Cadmium(Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2 mg/kg
Mercury(Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2 mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	2 mg/kg
Polybrominated Biphenyls(PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg
Polybrominated Diphenyl Ethers(PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5 mg/kg

Test Result(s)

Please refer to the following page(s).

Tested by

Approved by

Reviewed by Date

Jan. 14, 2013

No. 13431481

Centre Testing International(Ningbo)Co.,ltd. 7-8/F/.,Building A,No.750.Chuangyuan Road,Gaoxin District,Ningbo,Zhengjiang,China

Chen Qian

Approved Signatory



Report No. RLNBF000119930001

Page 2 of 4

Test Result(s)

Tested Item(s)	Result
Lead(Pb)	N.D.
Cadmium(Cd)	N.D.
Mercury(Hg)	N.D.
Hexavalent Chromium(Cr(VI))	N.D.

Tested Item(s)	Result
Polybrominated Biphenyls(PBBs)	
Monobromobiphenyl	N.D.
Dibromobiphenyl	N.D.
Tribromobiphenyl	N.D.
Tetrabromobiphenyl	N.D.
Pentabromobiphenyl	N.D.
Hexabromobiphenyl	N.D.
Heptabromobiphenyl	N.D.
Octabromobiphenyl	N.D.
Nonabromobiphenyl	N.D.
Decabromobiphenyl	N.D.

Tested Item(s)	Result		
Polybrominated Diphenyl Ethers(PBDEs)	(21)		
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.		

Tested Sample/Part Description White plastic grains

The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury. Note:

-MDL = Method Detection Limit

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

-mg/kg = ppm = parts per million



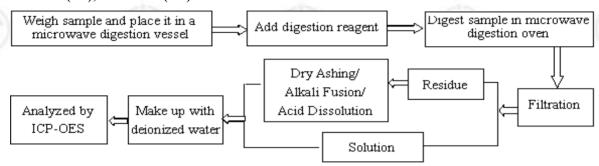


Report No. RLNBF000119930001

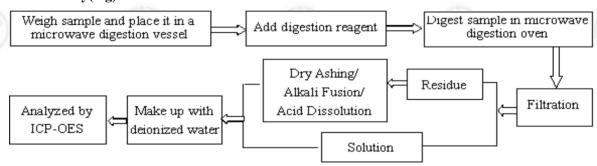
Page 3 of 4

Test Process

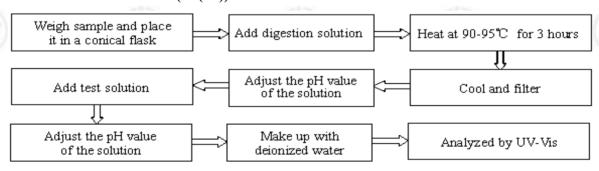
1. Lead(Pb), Cadmium(Cd)



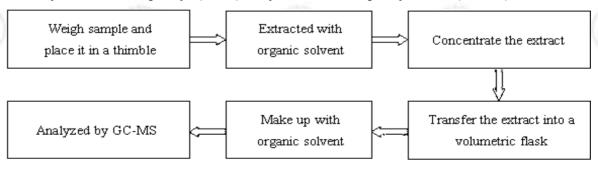
2. Mercury(Hg)



3. Hexavalent Chromium(Cr(VI))



4. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs)







Report No. RLNBF000119930001

Page 4 of 4

Photo(s) of the sample(s)



*** End of report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.





Test Report No. CANEC1212565501 Date: 19 Sep 2012 Page 1 of 4

SHENZHEN CITY YONGLIXIN HARDWARE PRODUCTS CO.,LTD

PART B7 THE THIRD INDUSTRIAL PARK, JIANGBIAN SONG GANG, BAO AN DISTRICT. SHENZHEN CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as: Nickel plated layer

SGS Job No.: CP12-044987 - SZ

Date of Sample Received: 14 Sep 2012

Testing Period: 14 Sep 2012 - 19 Sep 2012

Test Requested : Selected test(s) as requested by client.

Test Method: Please refer to next page(s).

Test Results: Please refer to next page(s).

Signed for and on behalf of SGS-CSTC Ltd.

Annie Liang Approved Signatory

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.ags.com/lems and conditions for electronic Documents at www.ags.com/lems e-document.htm. Attention is drawn to the limitation of liability is a method from and jurisdiction issues defined therein. Any holder of this document is edvised that information contained hereon reflects the Company's findings at the time of liability is to list Client and this document does not exconerate parties to a transaction of the contained all their cights and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company with unauthorized alterston, longery or faisification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

These otherwise testils shown in this test report refer only to the sample(s) tested.



Test Report No. CANEC1212565501 Date: 19 Sep 2012 Page 2 of 4

Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description

1 CAN12-125655.001 Silver-grey metal plating

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Elementary Analysis

Test Method: With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Spot test / Colorimetric Method using UV-Vis.

Test Item(s)	Unit	MDL	<u>001</u>
Cadmium (Cd)	mg/kg	2	ND
Lead (Pb)	mg/kg	2	ND
Mercury (Hg)	mg/kg	2	ND
Hexavalent Chromium (CrVI)	-	\Diamond	Negative

Notes:

(1) Spot-test:

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

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

·Boiling-water-extraction:

Negative = Absence of CrVI coating

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

For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

This document is issued by the Company subject to its General Conditions of Sarvice printed overleaf, available on request or accessible at http://www.sgs.com/terms.and-conditions.
htm. and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms.e-document.htm. Attention is drawn to the limitation of liability against the following the subject of the



No. CANEC1212565501

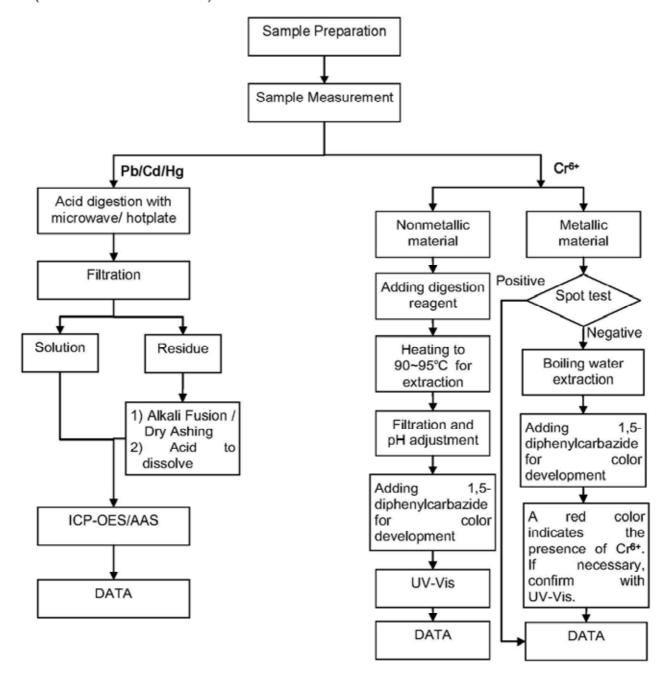
Date: 19 Sep 2012

Page 3 of 4

ATTACHMENTS

RoHS Testing Flow Chart

- 1) Name of the person who made testing: Bella Wang
- 2) Name of the person in charge of testing: Adams Yu
- These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr6+ test method excluded).



This document is issued by the Company subject to its General Conditions of Service printed overleaf, svallable on request or accessible at http://www.sgs.com/terms.and.conditions.
htm. and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms.e-document.htm. Attention is drawn to the limitation of liability transmitted from the following state of the company is finding at the time of large transmitted from soil within the limits of Client's instructions, if any. The Company is sole responsibility is to its Client and this document does not exconerate parties to the from the secretary of the company is sole responsibility and the company in the company is unauthorized alterial on, forgery or falsification of the content or appearance of this document is unlawful and affenders may be prosecuted to the fullest extent of the law.

The company is a state of the results shown to this test report refer only to the sample(s) tested.

199 Kerbu Road Scientech Park Guargatou Economic & Technology Development District, Guargatou 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编科珠路198号 邮稿: 510663 t (86-20) 82155555 f (86-20) 82075113 e sgs.china@sgs.com



No. CANEC1212565501

Date: 19 Sep 2012 Page 4 of 4

Sample photo:



SGS authenticate the photo on original report only *** End of Report ***

and for electronic format documents, subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms.and-conditions, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms.e-document.htm. Attention is drawn to the limitation of limits at a subject to Terms and Electronic Documents at the transaction of the subject to the Company's findings at the time of personal billy is to its Client and this document does not exponent surface to a transaction occuments. This document cannot be reproduced except in full, without prior written approval of the Company. Funauthorized alteration, forgery or faisification of the content or appearance of this document is unlawful and affenders may be prosecuted to the fullest extent of the law.

ess otherwise state of the results shown in this test report refer only to the sample(s) tested.

198 Kerhu Road, Scientech Park Guangshou Economic & Technology Development District, Guangshou China 510:0663 1 (86-20) 82155555 1 (86-20) 82075113 邮稿: 510663 1 (86-20) 82155555 1 (86-20) 82075113 e sgs.china@sgs.com 中国。广州、经济技术开发区科学城科珠路198号

www.cn.sgs.com



No. SHAEC1222647204

Date: 26 Dec 2012

Page 1 of 4

KUNSHAN CHENG TONGMING METAL CO.,LTD.

NO.1 TONGMING ROAD PENGLANG TOWN KUNSHAN CITY JIANGSU CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as: SWRCH18A

SGS Job No.: SP12-036767 - SH

Date of Sample Received: 21 Dec 2012

Testing Period: 21 Dec 2012 - 26 Dec 2012

Test Requested: Selected test(s) as requested by client.

Test Method: Please refer to next page(s).

Test Results: Please refer to next page(s).

Signed for and on behalf of SGS-CSTC Ltd.

JJ Fan

Approved Signatory

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions, the manufaction of electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability interpretation and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its prevention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction for prevention of the instructions under the transaction document cannot be reproduced except in full, without prior written approval of the Company. The company is unauthorized alternation, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

| All the company is a company in this test report refer only to the sample(s) tested.



No. SHAEC1222647204

Date: 26 Dec 2012

Page 2 of 4

Test Results:

Test Part Description:

Specimen No. SGS Sample ID Description

1 SHA12-226472.004 Gray metal

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

RoHS Directive 2011/65/EU

Test Method: With reference to IEC 62321:2008

- (1) Determination of Cadmium by ICP-OES.
- (2) Determination of Lead by ICP-OES.
- (3) Determination of Mercury by ICP-OES.
- (4) Determination of Hexavalent Chromium by Spot test / Colorimetric Method using UV-Vis.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>004</u>
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))		1.	\Diamond	Negative

Notes:

- (1) The maximum permissible limit is quoted from directive 2011/65/EU, Annex II
- (2) Spot-test:

Negative = Absence of Cr(VI) coating, Positive = Presence of Cr(VI) coating;

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

Boiling-water-extraction:

Negative = Absence of Cr(VI) coating

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

For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions. It is a condition of the imitation of liability to the standard of the content of the imitation of liability to the standard of the content of the imitation of liability to the standard of the content of the company of the content of th

hai Ca. Lid 3° Building,No.889 Yishan Road Xuhui District,Shanghai China 200233 中国・上海・徐汇区宜山路889号3号楼 邮编: 200233 t E&E (86-21) 61402553 f E&E (86-21)64953679 HL: (86-21) 61402594 HL: (86-21)54500353 www.cn.sgs.com e sgs.china@sgs.com



No. SHAEC1222647204

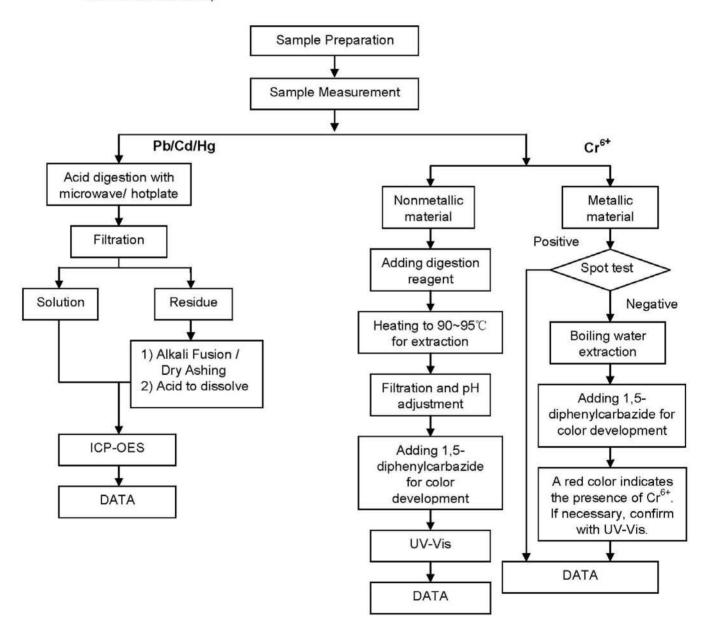
Date: 26 Dec 2012

Page 3 of 4

ATTACHMENTS

RoHS Testing Flow Chart

- 1) Name of the person who made testing: Jan Shi/Yoyo Wang/Allen Xiao
- 2) Name of the person in charge of testing: Jeff Zhang/George Xu
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions the many for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability transportation and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intraction of livery than the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction for processing all this highs and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. The company is unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

In last of the law is a state of the results shown in this test report refer only to the sample(s) tested.



No. SHAEC1222647204

Date: 26 Dec 2012

Page 4 of 4

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions. It mand for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms-e-document.htm. Attention is drawn to the limitation of liability integrant to an adjurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction for preferencing all this ylights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. The company is unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



Report No. RLSHE001285480003

Page 1 of 6

THE LIMITED COMPANY OF FUAN ELECTRONIC INSULATION NUBBER **Applicant**

MANUFACTURE IN KUN SHAN

NUMBER 839 OF BACHENGWEICHENG ROAD OF KUNSHAN **Address**

The following sample(s) and sample information was/were submitted and identified by/on the

behalf of the client

Sample Name EVA foam **EVA** Part No.

Sample Received Date Dec. 4, 2012

Testing Period Dec. 4, 2012 to Dec. 10, 2012

As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), **Test Requested**

Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs),

Polybrominated Diphenyl Ethers (PBDEs), Fluorine (F), Chlorine (Cl), Bromin

(Br), Iodine (I), Hexabromocyclododecane (HBCDD), Phthalates in the

submitted sample(s).

Test Method Please refer to the following page(s).

Please refer to the following page(s). Test Result(s)

Reviewed by

Joy Su

Approved by

E-mail:info@cti-cert.com

Dec. 10, 2012

Senior Laboratory Manager

No. 13574658

Centre Testing International (Shenzhen) Co., Ltd.Shanghai Branch No.1996, New Jinqiao Road, Pudong District, Shanghai



Report No. RLSHE001285480003

Page 2 of 6

Test Method

Test Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2mg/kg
Cadmium(Cd)	IEC 62321:2008 Ed.1 Sec.8	ICP-OES	2mg/kg
Mercury(Hg)	IEC 62321:2008 Ed.1 Sec.7	ICP-OES	2mg/kg
Hexavalent Chromium (Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321:2008 Ed.1 Annex A	GC-MS	5mg/kg
Hexabromocyclododecane (HBCDD)	Refer to US EPA 3550C:2007	GC-MS	5mg/kg
Phthalates	Refer to EN 14372:2004	GC-MS	50mg/kg
Fluorine (F)	Refer to BS EN 14582:2007	IC	10mg/kg
Chlorine (Cl)	Refer to BS EN 14582:2007	IC	10mg/kg
Bromine (Br)	Refer to BS EN 14582:2007	IC	10mg/kg
Iodine (I)	Refer to BS EN 14582:2007	IC	10mg/kg

Test Result(s)

Tested Item(s)	Result
Lead(Pb)	17 mg/kg
Cadmium (Cd)	N.D.
Mercury(Hg)	N.D.
Hexavalent Chromium (Cr(VI))	N.D.

Tested Item(s)	Result			
Polybrominated Biphenyls (PBBs)				
Monobromobiphenyl	N.D.			
Dibromobiphenyl	N.D.			
Tribromobiphenyl	N.D.			
Tetrabromobiphenyl	N.D.			
Pentabromobiphenyl	N.D.			
Hexabromobiphenyl	N.D.			
Heptabromobiphenyl	N.D.			
Octabromobiphenyl	N.D.			
Nonabromobiphenyl	N.D.			
Decabromobiphenyl	N.D.			











www.cti-cert.com



Page 3 of 6

Tested Item(s)	Result		
Polybrominated Diphenyl Ethers (PBDEs)			
Monobromodiphenyl ether	N.D.		
Dibromodiphenyl ether	N.D.		
Tribromodiphenyl ether	N.D.		
Tetrabromodiphenyl ether	N.D.		
Pentabromodiphenyl ether	N.D.		
Hexabromodiphenyl ether	N.D.		
Heptabromodiphenyl ether	N.D.		
Octabromodiphenyl ether	N.D.		
Nonabromodiphenyl ether	N.D.		
Decabromodiphenyl ether	N.D.		
(67) (6	14 (63)		

Tested Item(s)	Result
Hexabromocyclododecane (HBCDD)	N.D.

Tested Item(s)	Result			
Halogen				
Fluorine (F)	N.D.			
Chlorine (Cl)	170 mg/kg			
Bromine (Br)	N.D.			
Iodine (I)	N.D.			

Tested Item(s)	CAS No.	EC No.	Result	
Phthalates				
Dibutyl phthalate(DBP)	84-74-2	201-557-4	N.D.	
Benzylbutyl phthalate(BBP)	85-68-7	201-622-7	N.D.	
Bis(2-ethyl(hexyl)) phthalate (DEHP)	117-81-7	204-211-0	N.D.	

Tested Sample/Part Description Black foam

Note: The sample had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit -N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million









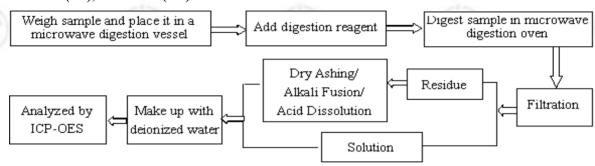


Report No. RLSHE001285480003

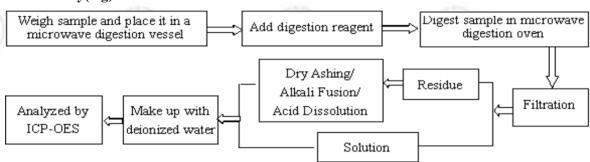
Page 4 of 6

Test Process

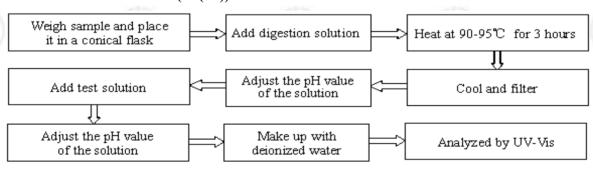
1. Lead(Pb), Cadmium(Cd)



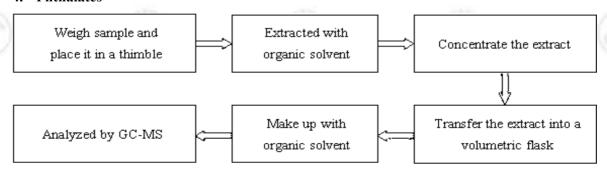
2. Mercury(Hg)



3. Hexavalent Chromium (Cr(VI))



4. Phthalates



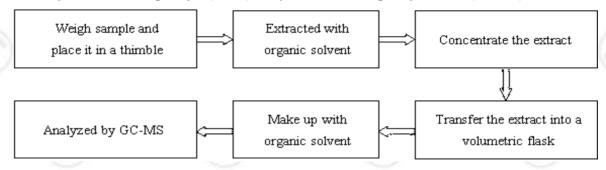




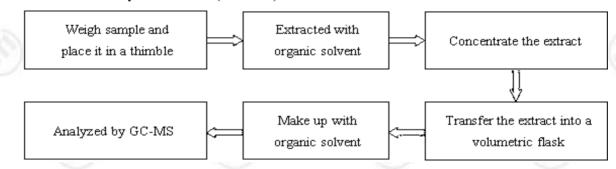
Report No. RLSHE001285480003

Page 5 of 6

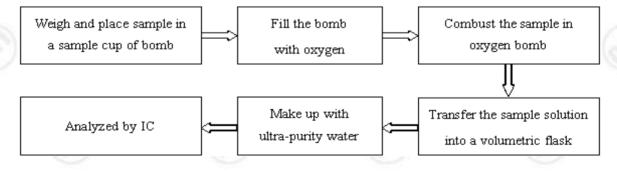
5. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



6. Hexabromocyclododecane (HBCDD)



7. Fluorine (F), Chlorine (Cl), Bromine (Br), Iodine (I)





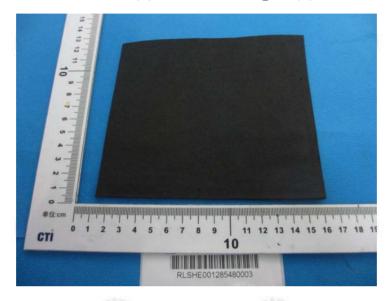
www.cti-cert.com



Report No. RLSHE001285480003

Page 6 of 6

Photo(s) of the sample(s)



*** End of report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.





No. CANEC1300355801

Date: 15 Jan 2013

Page 1 of 11

SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO.,LTD.

WOER MANSION, LANJING NORTH ROAD, PINGSHAN INDUSTRIAL ZONE, LONGGANG DISTRICT, SHENZHEN CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as: Please see remark

SGS Job No.:

CP13-000963 - SZ

Date of Sample Received:

08 Jan 2013

Testing Period:

08 Jan 2013 - 15 Jan 2013

Test Requested:

Selected test(s) as requested by client.

Test Method:

Please refer to next page(s).

Test Results:

Please refer to next page(s).

Conclusion:

Based on the performed tests on submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE) comply with the limits as set by RoHS

Directive 2011/65/EU Annex II; recasting 2002/95/EC.

Signed for and on behalf of SGS-CSTC Ltd.

Marco liang

Approved Signatory

This document is issued by the Company subject to its General Conditions of Service printed events, available on request or accessible at http://www.ogs.com/terms_and_conditions. him and, for electronic format documents, subject to Terms_and_conditions for Electronic Documents of www.ggs.com/terms_e-document into. Attention is drawn to the firmtation of liability in Engineering and prisoderion issues defined fraction. Now to documents advised that information contained herein reflects in a Cempany's are trasponsibility in the first occument of the Cempany's are trasponsibility in the Cempany within the limits of Client's instructions. It may The uconpany's are trasponsibility is to the Client and this document documents. This produced control be reproduced except in full without prior written approval of the Company, are trasponded except in full without prior written approval of the Company, and the prior transport of the company of the company of the control of the



No. CANEC1300355801

Date: 15 Jan 2013

Page 2 of 11

Test Results:

Test Part Description:

Specimen No.

SGS Sample ID

Description

1

CAN13-003558.001

Black plastic tube w/ white printing

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

RoHS Directive 2011/65/EU

Test Method:

With reference to IEC 62321:2008

(1) Determination of Cadmium by ICP-OES.

(2) Determination of Lead by ICP-OES.

(3) Determination of Mercury by ICP-OES.

(4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.

(5) Determination of PBBs / PBDEs content by GC-MS.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	<u>001</u>
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1,000	mg/kg	2	ND
Mercury (Hg)	1,000	mg/kg	2	ND
Hexavalent Chromium (CrVI)	1,000	mg/kg	2	ND
Sum of PBBs	1,000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1,000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND

This document is issued by the Company subject to its General Conditions of Service printed overlaaf, available on request or accessible at http://www.ags.com/terms_and_conditions from the finitation of htm and for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_el-document.htm. Attention is drawn to the limitation of liability in entire of the contained herein is a subject to Terms and Conditions for Electronic Documents that information contained herein reflects the Company's findings at the time of its proving the contained herein instructions. If any The Company's sole responsibility is to its Client and this document does not exponent a proving of the Company and contained the proving the contained herein the contained and the contained attending the contained attending the contained attending to the full of the content of appearance of this document is unlawful and offenders may be prosecuted to the full est extent of the law.

The company is the contained attending the content of appearance of this document is unlawful and offenders may be prosecuted to the full est extent of the law.



Test Report	No. CANEC130035580)1	Date: 15	Jan 2013	Page 3 of 11
Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	
Dibromodiphenyl ether	-	mg/kg	5	ND	
Tribromodiphenyl ether	-	mg/kg	5	ND	
Tetrabromodiphenyl ether	-	mg/kg	5	ND	
Pentabromodiphenyl ether	-	mg/kg	5	ND	
Hexabromodiphenyl ether	-	mg/kg	5	ND	
Heptabromodiphenyl ether	-	mg/kg	5	ND	
Octabromodiphenyl ether	-	mg/kg	5	ND	
Nonabromodiphenyl ether	-	mg/kg	5	ND	
Decabromodiphenyl ether	-	mg/kg	5	ND	

Notes:

(1) The maximum permissible limit is quoted from the directive 2011/65/EU, Annex II.

<u>Halogen</u>

Test Method: With reference to EN 14582: 2007, analysis was performed by Ion Chromatograph (IC).

Test Item(s)	<u>Unit</u>	MDL	<u>001</u>
Fluorine (F)	mg/kg	50	91
Chlorine (CI)	mg/kg	50	ND
Bromine (Br)	mg/kg	50	ND
lodine (I)	mg/kg	50	ND

Elementary Analysis

Test Method: With reference to US EPA Method 3052:1996, analysis was performed by ICP-OES.

Test Item(s)	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Arsenic (As)	mg/kg	10	ND
Selenium (Se)	mg/kg	10	ND
Antimony (Sb)	mg/kg	10	ND
Barium (Ba)	mg/kg	10	ND

Hexabromocyclododecane (HBCDD)

Test Method: Determination of HBCDD by GC-MS based on IEC 62321:2008.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/terms_and_conditions. htm and for electronic format documents,subject to Terms and Conditions for Electronic Documents at www.sqs.com/terms_e-document htm. Attention is drawn to the limitation of liability in Email before and purisdiction issues defined therein. Any holder of this document is advised in a transformation contained hereon reflects the Company's findings at the time of liability in example of the subject of the sub



Hexabromocyclododecane (HBCDD)

Test Report

No. CANEC1300355801

Date: 15 Jan 2013

Page 4 of 11

Test Item(s)

<u>Unit</u>

mg/kg

MDL 10 *001* ND

Notes:

(1) Reference Information: Directive 2011/65/EU recasting RoHS directive 2002/95/EC: Hexabromocyclododecane (HBCDD) is considered as a priority for risk evaluation and substance restriction.

Phthalate

Test Method: Determination of phthalates by GC-MS based on EN 14372:2004.

Test Item(s)	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Dibutyl Phthalate (DBP)	% (w/w)	0.003	ND
Benzylbutyl Phthalate (BBP)	% (w/w)	0.003	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	% (w/w)	0.003	ND

Notes:

(1) Reference Information: Directive 2011/65/EU recasting RoHS directive 2002/95/EC: Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP) and Dibutyl phthalate (DBP) are considered as a priority for risk evaluation and substance restriction.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.pom/terms_and_conditions bitm and, for electronic format documents, subject to Terms_and_conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability incernation to not jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings_at the time of its prevention of this pay within the limits of Client's instructions. If any. The Cumpany's sore responsibility is to its Client and this document does not experied as transaction for preventions of the content to company its formation contained except in full, without prior written approval of the Company. If you nauthorized alternion, forgery or falsification of the content or supparance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

If you have the company is transaction of the content or supparance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

特殊はRead Scentach Park Guargahou Emmanic & leachedgy Development Climic Susagandou China 510663 【(96-20)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 f (96-20) 82155555 f (86-20) 82075113 。 sgs.china@sgs.com



No. CANEC1300355801

Date: 15 Jan 2013

Page 5 of 11

Sample Name:

RSFR-H HEAT SHRINKABLE TUBINGS (E203950 🔊 woer RSFR-H

TUBE 125°C VW-1 H)

This document is issued by the Company subject to its General Conditions of Service printed overlast, evariable on request or accessible at http://www.sgs.com/terms_and_conditions. In the analysis of service printed overlast, evariable on request or accessible at http://www.sgs.com/terms_edocument.htm. Attention is drawn to the limitation of liability interpretation and purisation is presented the end of this document is advised that information contained hereon reflects the Company's findings at the time of its prevention by any within the limits of Client's instructions. If any. The Company's sole responsibility is to its Client and this document does not expended a transaction of comments. The company is sole responsibility is to its Client and this document does not expended as the produced except in full, without print without approval of the Company. The Company is the company in the company is the company of the company of the company is the company of the company is the company of the company of the company is the company of the com



No. CANEC1300355801

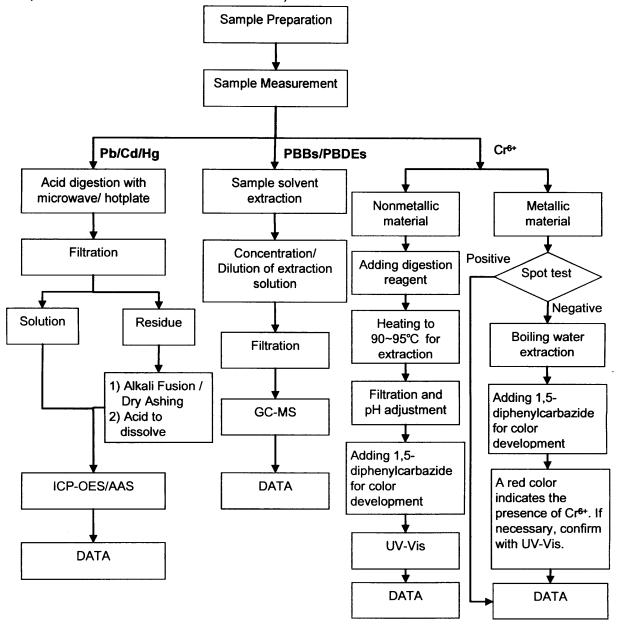
Date: 15 Jan 2013

Page 6 of 11

ATTACHMENTS

RoHS Testing Flow Chart

- 1) Name of the person who made testing: Michael Tso / Cutey Yu
- 2) Name of the person in charge of testing: Adams Yu / Yolanda Wei
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr⁶⁺ and PBBs/PBDEs test method excluded).



This document is issued by the Company subject to its General Conditions of Service printed overlead available on request or accessible at http://www.sgs.com/terms_and_conditions.

htm and for electronic format documents.subject to forms and Conditions for Electronic Documents at www.sgs.com/terms_e-document htm. Attention is drawn to the limitation of liability to semants from and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its pretrem from this accument of Client's Instructions, if any. The Company's sole responsibility is to its Client and this document does not experience to a transaction form exercising all time, to gipts and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company, you understant transaction documents. This document is unlawful and offenders may be prosecuted to the fullost extent of the law.

In the company of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullost extent of the law.

1987ketu Road Soemach Park Guangshru Economic & Technology Developmen (1997 Libergothus 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



No. CANEC1300355801

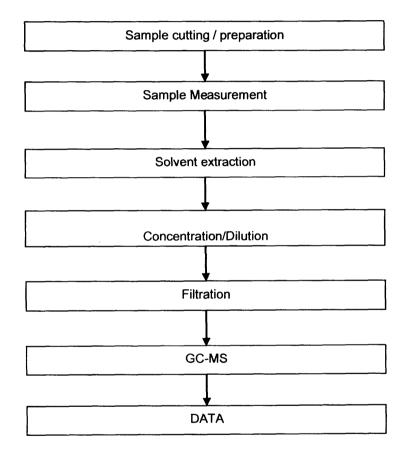
Date: 15 Jan 2013

Page 7 of 11

ATTACHMENTS

Phthalates Testing Flow Chart

- 1) Name of the person who made testing: Liu Qiong
- 2) Name of the person in charge of testing: Yolanda Wei



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions.htm.and.for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of its interest of the company is a subject of the company in the subject of the company is a subject of the company in the subject of the company is a subject of the company in the subject of the company is sole responsibility is to its Client and this document does not experient a transaction from exercising all they rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company, in the company is a subject of the company is a subject of the company. The company is a subject of the company is a subject of the subject



No. CANEC1300355801

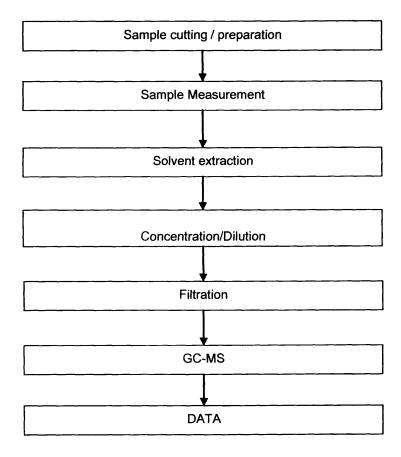
Date: 15 Jan 2013

Page 8 of 11

ATTACHMENTS

HBCDD Testing Flow Chart

- 1) Name of the person who made testing: Cutey Yu
- 2) Name of the person in charge of testing: Yolanda Wei



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions but and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability and the first provided in the



No. CANEC1300355801

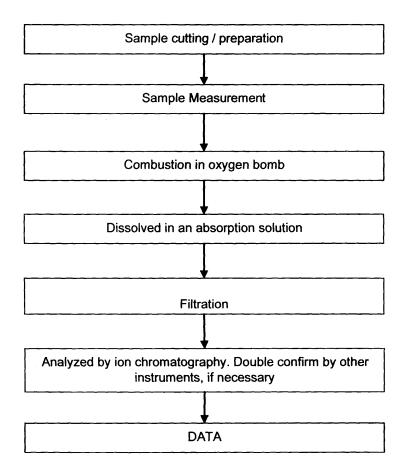
Date: 15 Jan 2013

Page 9 of 11

ATTACHMENTS

Halogen Testing Flow Chart

- 1) Name of the person who made testing: Bella Wang
- 2) Name of the person in charge of testing: Adams Yu



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.gom/terms_and_conditions.ntm.and,for electronic format documents,subject to Tarms and Conditions for Electronic Documents at www.sgs.com/terms_endocument.htm. Attention is drawn to the limitation of liability independent of the properties of the company's findings, at the time of its protection within the limits of Clients' instructions, if any. The Company's sole responsibility is to its Client and this document does not exponerate parties to a transaction from exercising all they tights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company, with unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless observed as the faither results shown in this test report refer only to the sample(s) tested.



No. CANEC1300355801

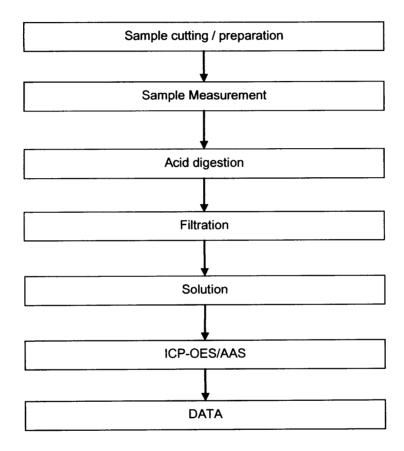
Date: 15 Jan 2013

Page 10 of 11

ATTACHMENTS

Elementary Testing Flow Chart

- 1) Name of the person who made testing: Bella Wang
- 2) Name of the person in charge of testing: Adams Yu



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/terms_and_conditions. htm and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at www.sgs.com/terms_e-document him. Attention is drawn to the limitation of liability intermediate the printed printed in the company's findings at the time of liability intermediate the limitation of liability intermediate liability intermediate

198 Keztru Rozd, Scientech Park, Guangzhou Economic & Technology Development District, Guangzhou China | 510663 | 1 (86-20) 82155555 | f (86-20) 82075113

SGS

Test Report

No. CANEC1300355801

Date: 15 Jan 2013

Page 11 of 11

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

This document is issued by the Company subject to its General Conditions of Service printed everleaf, available on request or processible of http://www.sga.com/terms_and_conditions.

non and for electronic formet documents, subject to Torron and Conditions for Electronic Documents at www.sga.com/terms_edocument htm. Attention is drawn in the limitation of its instruction and puriodiction issues defined the real, any holder of this document is advised that information committed enterior reflects the Company's indicing at the time of its instructions, if any. The Company's sole responsibility is to its Client and this document does not expense the parties to a transaction for expensional theory of the company is an obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. In proceedings of the Company of the inflictation of the control of approximation of the company is also approximate the control of approximation of the document is unlawful and offenders may be prosecuted to the fullest extent of the law.

It is approximated alternative results shown in this test report refer only to the sample(s) feeted.

in althor



RoHS 排外條款說明 RoHS Exclusive item Hazardous Substance

本公司保證,本產品均屬環保產品,皆符合 RoHS 法規要求,並適用於 RoHS 規定之排除條款。

We hereby confirm and assure that all parts and sub-materials delivered to your company comply with RoHS Standard and apply to RoHS Exclusive item.

RoHS 合金類排除條款要求如下:

RoHS Exclusive item :

合金種類 alloys item	鉛允許含量(ppm) Lead acceptance concentration
鋼材 steel	<3,500ppm
紹合金 aluminum alloys	<4,000ppm
銅合金 copper alloys	<40,000ppm
焊錫 solder	<1,000ppm

立承諾書人

公司名稱: 譁裕實業股份有限公司 company name: WHA YU INDUSTRIAL CO., LTD

公司地址:新竹市公道五路二段 326 號

company address:No.326. Sec 2. Kung Tao 5 Road. Hsin Chu City, Taiwan

聯絡電話: 03-5714225

TEL: +886-3-5714225

負責人: 林祺生 董事長

sign by

立約日期:西元 2006年 9月 05日

Date: 2006. 09. 05







包材印刷類物料承認書 CHECK LIST

※第一頁為承認書(APPROVAL SHEET)封面,必須註明以下資訊,包括:
□ 1、永洋料號(AMIT P/N)料號是否印製於彩盒上
■ 2、供應商對應料號與供應商型號(Part NO, Internal code)
■ 3、版次
■ 4、產品名稱
※第二頁 <mark>必需</mark> 爲承認書的目錄,且必須符合下列的格式:
目錄(Specification Index)
■1、零件基本資料
■ 2、規格(specification)
■ 3、圖面(mechanical drawing)
■ 4、性能檢測報告(Performance Test Report)
□ 5、可靠度測試報告(Rellabibility test)
□ 6、各項性能測試報告(performance report)
□ a、安規認証証明(safety certification)
□ b、Adapter 供應商須提供 BOM(組成零件及其供應商順序)
□ c、Adapter 供應商須提供包裝方式(Packing information)
(項目 5-6 爲天線及 Adapter 涉及電氣特性部份須提供, 其它供應商不必提供)
□ 7、包裝方式(Packing information) (文字描述與圖面圖示,須敘述以何包裝進貨,每箱
之數量。例如每箱爲 40 個,以珍珠袋包裝,包裝箱內以間隔板間隔)。
□ 8、其他:此項目爲某特定零件必須附上的附件,例如:銘板(Front Panel)-須附上底片,
以方便核對孔位(請塡入項目,如底片…)。
※■9、永洋 RoHS 調査表(請另外塡寫"永洋 RoHS 調査表範本_for 零件供應商(Excel
◇■ 5 小什 KOIIS 调直及(明力//模為 小什 KOIIS 调直及配子_IOI 令什厌感问(LACCI
檔)"並按照內容說明指示提供所需要的資料,請附加檔案至 Excel 檔中。)
請注意
※ 如有物質超標請提供相關佐證資料(超標材質與符合條款)及材質證明。
※ 限用物質承諾保證書須在送樣承認前經 AMIT 稽核審查合格,方可進行承認流程。
※ 送樣承認時須同時檢附 AMIT RoHS 調查表-Excel File。
※ 請務必依 Check List 所條列之項目,於承認書送出時確認資料是否完整正確
AMIT 申請人員確認: ;供應商確認: 況芳
・ A CANOLITY HERE

								健康存在與否/健康材質		定數據 mg/kg	g=ppm											物質成份表			
Item	永洋科號 (P/N)	水洋品名 (Description)	原族/製造商型號 (SUPPLIER PN)	原版/ 製造商名傑	零件單重 (mg)	分量之均均材質 (Homogeneous Material) Sub-parts	原材料概色 (逆) 浓温及素料必填) The color of raw material (Required for plastic, ink and paint)	If the plating layer exist or not?(Y/N)/If yes, please describe the material of the plating layer	分離之 均勻材質 單重(mg)	€ (Pb)	(Cd)	∰(Hg)	大 <mark>国第</mark> (Cr+6)	768	PEDE	PPOS	實驗室名標	分析報告號碼	檢測報告日期	第三公置單位化學分 析報告 Attached test report	第三公置單位 PFOS 分析報告 Attached test report	元素/化合物 名標	元章(化合物) 比重(%)	排除條款	材質證明
		φ1.13mm Coaxial Cable- 外被				Jacket	Transparency Brown			ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<5ppm)	ND (<5ppm)	ND (<5ppm)	СП	RLSHE001184460005	2012/10/8	RLSHEOGL 1044600		FEP	100	YES	
		φ1.13mm Coaxial Cable- 編織				Braid shield(Sliver-Tinned Copper)	N			ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	Negative	ND (<5ppm)	ND (<5ppm)	ND (<5ppm)	СП	RLNBE000117020001	2012/12/25	RLNBE000117020		Cu Ag Si	98.368 0.62 <0.008	YES	
1	11320Y11165A1	φ1.13mm Coaxial Cable- 絕線		SHENYU	460	Insulation	N	Y	460	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<5ppm)	ND (<5ppm)	ND (<5ppm)	SGS	SHAEC1301214305	2013/2/1	DMADC120121430		FEP	100	YES	1.13村路灰色
		φ1.13mm Coaxial Cable- 導體				Conductor(Silver-Coated Copper clad Steel)	N			ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	Negative	ND (<5ppm)	ND (<5ppm)	٠	SGS	SHAEC1207662608	2012/5/19	SHAEC1207662608		Cu Ag Pb Bi	98.368 0.62 <0.0021 <0.0016	YES	YES
				GUANG		TPE	N	N	4600	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<5ppm)	ND (<5ppm)	٠	SGS	CE/2012/44809	2012/11/16	CE_2012_44900		TPE	100	YES	2
2	11320Y11165A1	Antenna Body		QUAN	4600	Black Powder	Black	N	4600	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<5ppm)	ND (<5ppm)	٠	SGS	F690101/LF-CTSAYAA12-25742	2012/7/10	(*************************************				YES	1155LL(#600)
3	11320Y11165A1	Antenna Base		GUANG QUAN	1800	PC-110 Black Powder	N Black	N N	1800				ND (<2ppm) ND (<2ppm)	ND (<5ppm)	ND (<5ppm)		SGS	GZ1208415927/CHEM	2012/8/20	GE12(BA) 927_G		PC	100	YES	PC-11005 FEBRUS
						PC-110	N	N N		ND (<2ppm)			ND (<2ppm)	ND (<5ppm)	ND (<5ppm)		SGS	GZ1208415927/CHEM	2012//10	GE1209ASV27_G		PC	100	YES	
4	11320Y11165A1	Antenna Base		GUANG QUAN	1550	Black Powder	Black	N N	1550	ND (<2ppm)	ND (<2ppm)		ND (<2ppm)	ND (<5ppm)	ND (<5ppm)		SGS	F690101/LF-CTSAYAA12-25742	2012/7/10			rc	100	113	PC-11000 RUB99
						POM	N	N					ND (<2ppm)	ND (<5ppm)	ND (<5ppm)		SGS	CE/2013/81088A	2013/2/27	CE_2013_01000A		POM	100	YES	
5	11320Y11165A1	Rivet		RAYCONG	40	Black Powder	Black	N	40		ND (<2ppm)		ND (<2ppm)	ND (<5ppm)	ND (<5ppm)		SGS	F690101/LF-CTSAYAA12-25742	2012/7/10	Pro-00101 Lp.				YES	
6	11320Y11165A1	Ground Tube		HONGCHANG	980	Brass	N	N	980	31,411.	11.	ND (<2ppm)	Negative	*		٠	SGS	CANEC1213021201	2012/9/28	CANEC121302120		Cu Ph Fe Fe+Sn Zn	57~61 1.8~3.7 <0.5 <1.2 REV	YES	
						POM	N	N		ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<5ppm)	ND (<5ppm)	٠	СП	RLNBP000119930001	2013/1/14	errema8861 ranno		POM	100	YES	
						Ni-Plated	N	Y		ND (≺3ppm)	ND (<2ppm)	ND (<2ppm)	Negative	*	*	٠	SGS	CANEC1212565501	2012/9/19	CAP48C171256556		Ni	100	YES	
7	11320Y11165A1	Helix		JUE MAO	1000	碳鋼	N	N	1000	ND (≺3ppm)	ND (<2ppm)	ND (<2ppm)	Negative	٠	٠		SGS	SHAEC1222647204	2012/12/26	381/10-1/22-0-1/20				YES	
						Ni-Plated	N	Y		ND (≺3ppm)	ND (<2ppm)	ND (<2ppm)	Negative	*	*		SGS	CANEC1212565501	2012/9/19	CAMPUTATION		Ni EVA	100	YES	
8	11320Y11165A1	EVA		MING ZHAN	35	EVA	N	N	30	17.	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<5ppm)	ND (<5ppm)	٠	сп	RLSHE001285480003	2012/12/10	RLSHE0012854800 03		PE 發泡濟 碳酸鈣		YES	
9	11320Y11165A1	H.S Tube		WOER	50	Heat Shrink Tube	N	N	50	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<2ppm)	ND (<5ppm)	ND (<5ppm)		SGS	CANEC1300355801	2013/1/15	CANEC1300355601		PE ATJ APP	48 35	YES	CX WE MAKE