

SGS**Test Report**

No.: GZ0606092329/CHEM

Date: JUN 27, 2006

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FENGHUA ADVANCED TECHNOLOGY (HOLDING) CO., LTD. GUANHUA MLCC BRANCH COMPANY
 FENGHUA ELECTRONIC INDUSTRIAL CITY, 18TH FENGHUA ROAD, ZHAOQING, GUANGDONG, P.R.CHINA

Report on the submitted sample said to be CHIP CAPACITOR NPO

SGS Ref No. : GZ060619238EC-4.4
 Sample Receiving Date : JUN 20, 2006
 Testing Period : JUN 20, 2006 TO JUN 27, 2006

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 & 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.
 (2) With reference to EPA 3540C & 3550C. Analysis was performed by GC-MS.

Results : Please refer to next page.

Conclusion : When tested as specified, the results shown on the report do not exceed the limit in commission decision of 18 Aug 2005 amending Directive 2002/95/EC (RoHS) notified under document 2005/618/EC.

Remark : As requested by client, the test was conducted as whole / part sample, for the sample can't be disjointed.

Signed for and on behalf of
 SGS-CSTC Ltd.


 Wang HongLei, Leo
 Sr. Engineer

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GZCM 627331

SGS-CSTC (Guangdong) Technical Services Co., Ltd.
 Guangzhou Branch

180 HEZHU Road, SCIENTECH Park Guangzhou Economic & Technology Development District, Guangzhou, China 510883
 中国·广州·经济技术开发区科学城科珠路180号 邮编:510683

t (86-20)82155555 f (86-20)82075125 www.cn.sgs.com
 t (86-20)82155555 f (86-20)82075125 e sgs.china@sgs.com

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Results:

(1)

Item	Unit	MDL	No.1	Limit
Lead Content (Pb)	ppm	2	N.D.	< 1000ppm
Cadmium Content (Cd)	ppm	2	N.D.	< 100ppm
Mercury Content (Hg)	ppm	2	N.D.	< 1000ppm
Hexavalent Chromium Content (Cr VI)	ppm	2	N.D.	< 1000ppm

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

(2)

	No.1	Limit
Flame Retardants		
Polybrominated Biphenyls (PBBs)		< 1000ppm
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)(Mon-Non)		< 1000ppm
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.	See remark

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

Specimen Description:

No.1 Grey particle w/ silvery metal edge (mixed)

Remark : [△] : Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under 2005/717/EC.

*** End of Report ***

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GZCM 627500

SGS Standards Technical Services Co., Ltd.
 Guangzhou Laboratory

190 KEZHU Road, SICHATECH Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663

t (86-20)82155555 f (86-20)82075125

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)82075125

e sgs.china@sgs.com

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