

NOTICE

1. The report is invalid without the official seal of test organization.
2. The duplicated report is invalid without stamping the original official seal of test organization.
3. The report is invalid without all signatures of the persons in charge of testing, supervising and approval.
4. The report is invalid if being altered.
5. Generally, for commission test we are responsible for the test results of submitted samples.
6. Any objections to the report could be raised to Research and Analysis Center of Reliability or the headquarters of Ceprei directly.

**Ceprei Testing Center for Pollution Control
of Electronic Information Product
Ministry of Information Industry(MII)**

CHINA CEPREI LABORATORY

TM

烽火

Composite materials

Address: No.110, Dongguanzhuang Road, Tianhe District, Guangzhou,
Guangdong, P.R. China

Post address: P.O.Box 1501-05 Guangzhou P.R. China

Post Code: 510610

Tel: (86-20) 87236986

Tel of Complaint: (86-20)87237017 (Testing Center)

(86-20)87236789 (Headquarters of Ceprei)

Fax: (86-20)87237185

Email :rac@ceprei.com

Website : <http://www.rac.ceprei.com>

Report No.	FX03- 2082545
Contract No.	FX048-1443-02
Total Pages	6

TEST REPORT



 Sample: PA66

 Type: JYPLASTICS NS3830NF

 Manufacturer: JUNYE

 Client: SHENZHEN JUNYE COMPOSITE MATERIALS CO.,LTD



Ceprei Testing Center for Pollution Control
 of Electronic Information Product
 Ministry of Information Industry



Test Report

Client: SHENZHEN JUNYE COMPOSITE MATERIALS CO.,LTD
Address: LouGang Industrial Zone SongGang Town Baoan District
ShenZhen City. Post Code:518105 Mobile:13823534006
Tel: 0755-27558636 Fax:0755-27558656
E-mail:jyplastics@163.com

Contact: Ma Xingjiang

Date Submitted: May 08, 2008

Test Period: May 09, 2008 ~ May 13, 2008

Sample Description: PA66

Test Item: Test the Concentrations of Pb, Cd, Hg, Cr(VI), PBBs, PBDEs in the Sample

Test Requirement: 2002/95/EC,2005/618/EC
Restriction of Hazardous Substances (RoHS)

Test Method: IEC 62321, Ed. 1 Electrotechnical Products – Determination of levels of six regulated substances

Test Ambient: Temperature : 24~25℃, Relative Humidity:56~60 %RH, Air Pressure :101kPa

Test Instruments:

- 1) UV-Vis Spectrophotometer UV-mini 1240 / No.7434080002
- 2) Inductively Coupled Plasma Optical Emission Spectrometry
Varian 710-ES / No.7434040008
- 3) Electronic Balance BP190S / No.011701146
- 4) Gas Chromatograph-mass Spectrometer System
Trace MS 2000 / No.410101015

Test Result: Refer to Page 4~5

**Ceprei Testing Center for Pollution Control
of Electronic Information Product
Ministry of Information Industry**

Tested by :

Supervised by :

Approved by :

Date:

2008.5.15

Date:

2008.5.15

Date:

2008.5.15

1. SAMPLE DESCRIPTION

Table 1 Sample Information

Sample Name	Sample No.	Description	Photo
PA66	HS0228	A bag of plastic	Fig.1



Fig.1 The View of Sample

2. TEST METHOD AND TECHNICAL REQUIREMENT

Table 2 Test Method and Technical Requirement

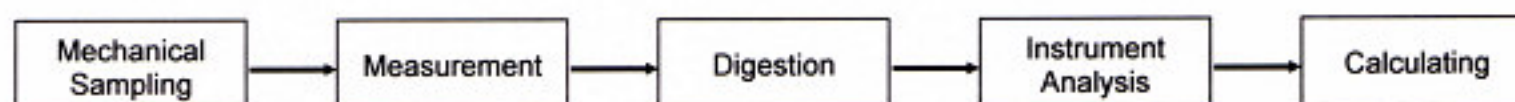
Serial No.	Test Items	Test Methods	RoHS MCV (mg/kg)	Instrument
1	Lead (Pb)	IEC 62321, Ed. 1. Section 8	1000	ICP-OES
2	Cadmium (Cd)	IEC 62321, Ed. 1. Section 8	100	ICP-OES
3	Mercury(Hg)	IEC 62321, Ed. 1. Section 7	1000	ICP-OES
4	Hexavalent Chromium[Cr(VI)]	IEC 62321, Ed. 1. Annex C	1000	UV-VIS
5	PBBs	IEC 62321, Ed. 1. Annex A	1000	GC-MS
6	PBDEs	IEC 62321, Ed. 1. Annex A	1000	GC-MS

Remark :

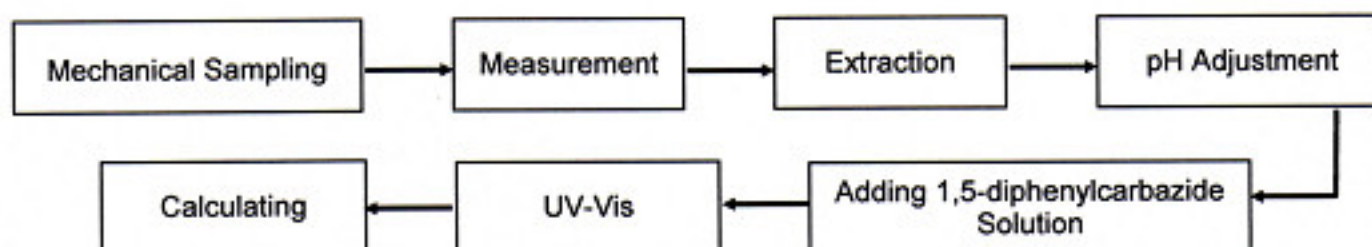
"MCV" means "Maximum Concentration Value".

3. TEST FLOW

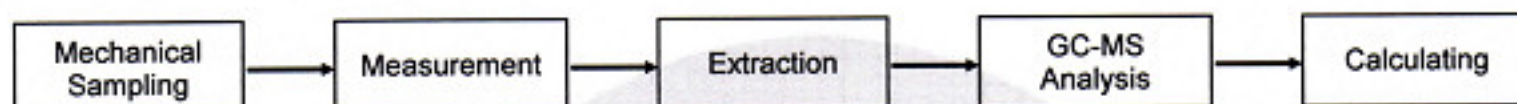
3.1 Test Flow of Lead ,Cadmium, Mercury



3.2 Test Flow of Cr(VI)



3.3 Test Flow of PBBs, PBDEs



4. TEST RESULT

4.1 Test Results of Heavy Metal Elements

Table 3 Test Results of Heavy Metal Elements

Serial No.	Test Items	MDL (mg/kg)	Test Result (mg/kg)
1	Lead (Pb)	2	153
2	Cadmium (Cd)	2	ND
3	Mercury (Hg)	2	ND
4	Hexavalent Chromium [Cr(VI)]	2	ND

Remark :

1) "ND" means "Not Detected";

2) "MDL" means "Method Detection Lower Limit".

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4.2 Test Results of PBBs and PBDEs

Table 4 Test Results of PBBs and PBDEs

Serial No.	Test Items	(MDL, mg/kg)	Test Results (mg/kg)
1	Monobromobiphenyl	1	ND
2	Dibromobiphenyl	1	ND
3	Tribromobiphenyl	1	ND
4	Tetrabromobiphenyl	1	ND
5	Pentabromobiphenyl	1	ND
6	Hexabromobiphenyl	1	ND
7	Heptabromobiphenyl	2	ND
8	Octabromobiphenyl	2	ND
9	Nonabromobiphenyl	2	ND
10	Decabromobiphenyl	5	ND
11	Total PBBs (Polybrominated biphenyls)	10	ND
12	Monobromobiphenyl Ether	1	ND
13	Dibromobiphenyl Ether	1	ND
14	Tribromobiphenyl Ether	1	ND
15	Tetrabromobiphenyl Ether	1	ND
16	Pentabromobiphenyl Ether	1	ND
17	Hexabromobiphenyl Ether	1	ND
18	Heptabromobiphenyl Ether	2	ND
19	Octabromobiphenyl Ether	2	ND
20	Nonabromobiphenyl Ether	2	ND
21	Decabromobiphenyl Ether	5	ND
22	Total PBDEs (Polybrominated Biphenyl Ethers)	10	ND
23	Total of Mono to Nonabrominated Biphenyl Ether	/	ND

Remark:

- 1) "ND" means "Not Detected";
- 2) Decabromobiphenyl Ether has been exempt from RoHS;
- 3) "MDL" means "Method Detection Lower Limit".

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