



Test Report

No.: GZ0703026298/CHEM

Date: MAR 09, 2007

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TAI SHAN CITY JUHONG ELECTRONICS LTD
NO.34 SHI HUA ROAD, TAI CHENG TOWN, TAI SHAN CITY GUANGDONG

The following sample(s) was/were submitted and identified on behalf of the applicant as 陶瓷电容器

SGS Ref No. : GZ10276871EC-2.2
Sample Receiving Date : MAR 05, 2007
Testing Period : MAR 05, 2007 TO MAR 09, 2007

Test Requested : To determine the Cadmium, Lead, Mercury, Hexavalent Chromium, PBBs (Polybrominated Biphenyls) & PBDEs (Polybrominated Diphenylethers) content in the submitted sample.

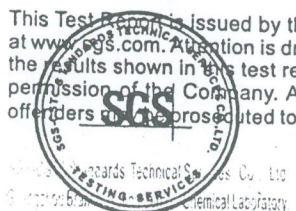
Test Method : With reference to IEC 62321 Ed.1 111/54/CDV
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Product
(1) Determination of Cadmium by ICP.
(2) Determination of Lead by ICP&AAS.
(3) Determination of Mercury by ICP.
(4) Determination of Hexavalent Chromium by Colorimetric Method.
(5) Determination of PBBs and PBDEs by GC-MS.

Test Results : Please refer to next page.

Signed for and on behalf of
SGS-CSTC Ltd.

Jiang YongPing, Terry
Sr. Engineer

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GZCM1177681

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

Test Item(s):	Method (refer to)	No.1	No.2	MDL
Cadmium(Cd)	(1)	N.D.	N.D.	2
Lead (Pb)	(2)	11	N.D.	2
Mercury (Hg)	(3)	N.D.	N.D.	2
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	N.D.	---	2
Hexavalent Chromium (CrVI) by Spot test	(4)	---	Negative	See Note 4
Sum of PBBs	(5)	N.D.	---	-
Monobromobiphenyl		N.D.	---	5
Dibromobiphenyl		N.D.	---	5
Tribromobiphenyl		N.D.	---	5
Tetrabromobiphenyl		N.D.	---	5
Pentabromobiphenyl		N.D.	---	5
Hexabromobiphenyl		N.D.	---	5
Heptabromobiphenyl		N.D.	---	5
Octabromobiphenyl		N.D.	---	5
Nonabromobiphenyl		N.D.	---	5
Decabromobiphenyl		N.D.	---	5
Sum of PBDEs		N.D.	---	-
Monobromodiphenyl ether		N.D.	---	5
Dibromodiphenyl ether		N.D.	---	5
Tribromodiphenyl ether		N.D.	---	5
Tetrabromodiphenyl ether		N.D.	---	5
Pentabromodiphenyl ether		N.D.	---	5
Hexabromodiphenyl ether		N.D.	---	5
Heptabromodiphenyl ether		N.D.	---	5
Octabromodiphenyl ether		N.D.	---	5
Nonabromodiphenyl ether		N.D.	---	5
Decabromodiphenyl ether		N.D.	---	5

Test Part Description:

No.1 Lt-brown body w/ black printing (mixed)

No.2 Silvery metal pin

Remark : As requested by client, the testing of No.1 was conducted as whole / part sample, for the sample can't be disjointed.

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Note : 1. mg/kg = ppm

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

3. MDL = Method Detection Limit

4. 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 cannot be confirmed.)

Boiling-water-extraction:

Negative = Absence of CrVI coating

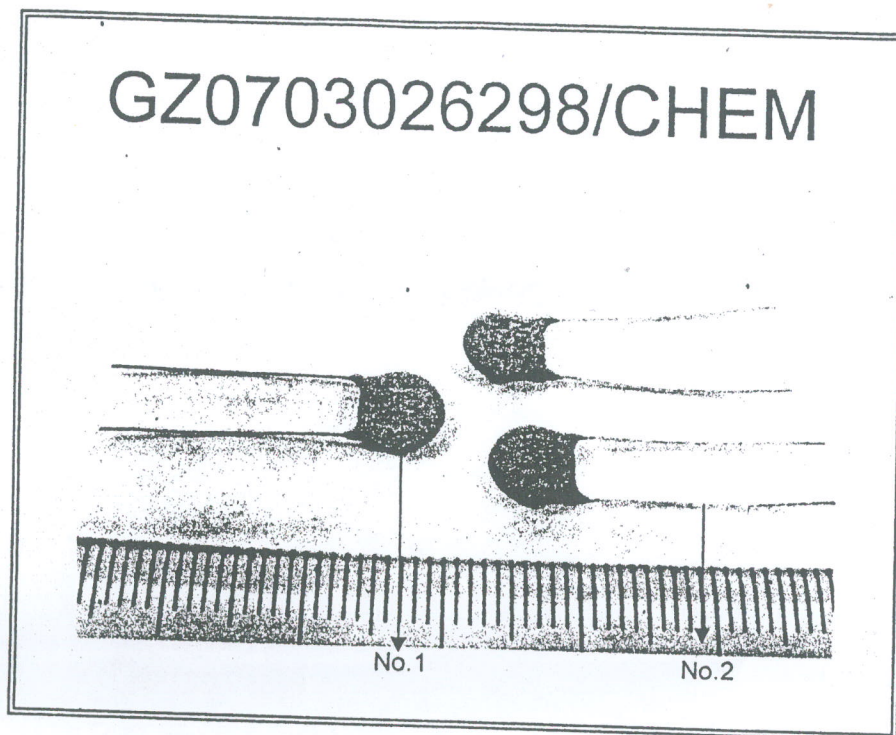
Positive = Presence of CrVI coating; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

5. "-" = Not regulated

6. "---" = Not Conducted

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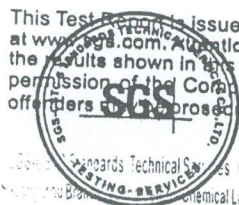
Sample photo :



SGS authenticate the photo on original report only

*** End of Report ***

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