

Test Report

No. SH7093471/CHEM

Date: Aug. 28, 2007

Page 1 of 4

POLYONICS, INC
867, ROUTE 12, UNIT 4, WESTMORELAND NH USA 03467

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

Sample Name : ALUMINUM HIGH TEMPERATURE LABEL MATERIAL
SGS Ref No. : 10542758-3
Model : XF-803
Main Substance : ALUMINUM FOIL

Sample Receiving Date : Aug.23, 2007
Testing Period : Aug.23 – Aug.28, 2007

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

Test Method : (1) With reference to IEC 62321 Ed.1 111/54/CDV for Cadmium content.
Analysis was performed by ICP .
(2) With reference to IEC 62321 Ed.1 111/54/CDV for Lead content.
Analysis was performed by ICP and AAS.
(3) With reference to IEC 62321 Ed.1 111/54/CDV for Mercury content.
Analysis was performed by ICP.
(4) With reference to IEC 62321 Ed.1 111/54/CDV for Hexavalent Chromium
by Colorimetric Method.
(5) With reference to IEC 62321 Ed.1 111/54/CDV for PBBs / PBDEs content.
Analysis was performed by GC/MS.

Test Results : Please refer to next pages

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Ella Zhang
Sr. Section Head

Signed for and on behalf of
SGS-CSTC Chemical Laboratory



Sandy Hao
Lab Manager

Test Report

No. SH7093471/CHEM

Date: Aug. 28, 2007

Page 2 of 4

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)	7	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI)	(4)	ND☼	2	1000
Sum of PBBs	(5)	ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Heptabromobiphenyl		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	-	-	

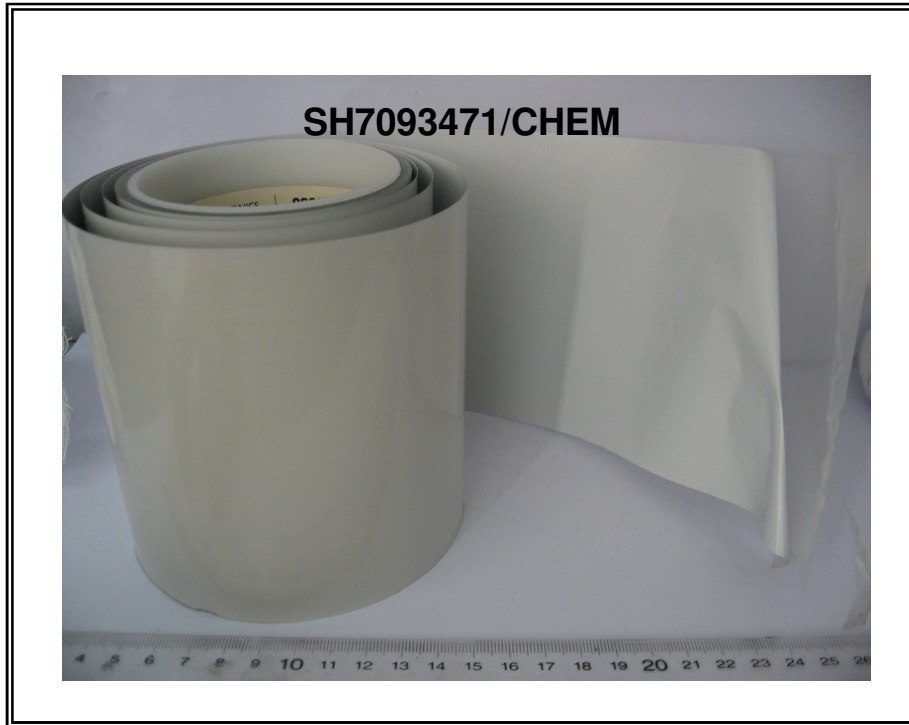
Test Part Description:

1. Silvery-white/beige-grey metal foil with adhesive (mix all)

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.
- (5) "-" = Not Regulated
- (6) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC
- (7) * The sample(s) was analyzed on behalf of the applicant as mixing whole sample in one testing. The result(s) in report means average of whole sample. The result(s) will be different obviously if the sample(s) was tested as requirement of RoHS, and result(s) may be higher than that of report. The applicant will take the responsibility of all discrepancy and risk.
- (8) ⚠ Hexavalent Chromium was absent on the surface of the metal sample. Analysis was performed by IEC 62321, Ed 111/54/CDV spot-test/boiling-water-extraction.

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***