

Test Report

No. 2082951/EC

Date : Dec 07 2006

Page 1 of 3

MAYLOON ELECTRONIC CO., LTD.
17/E, HOUSTON IND. BLDG.,
32-40 WANG LUNG ST., TSUEN WAN,
N.T. HONG KONG

Report on the submitted sample said to be PIN OF DIODES AND RECTIFIERS.

R-1, A-405, DO-35, DO-35 GLASS, DO-41, DO GLASS, DO-15, DO-201AD, DO-201AE, R-6, P-600, SOD-523, SOT-523, SOD-323, SOT-323, SOD-123, SOD-123FL, SOT-23, MINIMELF, MELF, SMA, SMB, SMC, DPAK, D2PAK, TO-220A, ITO-220A, TO-220AC, ITO-220AC, TO-220, ITO-220, TO-220AB, ITO-220AB, TO-30P.

SGS Job No. : 1041218
Supplier / Manufacturer : MAYLOON ELECTRONIC CO., LTD.
Country of Origin : TAIWAN
Sample Receiving Date : NOV 29 2006
Testing Period : NOV 29 – DEC 05 2006

Test Requested : (1-3) In accordance with RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : (1) With reference to EPA Method 3051A/ 3052 for Cadmium, Lead and Mercury content.
Analysis was performed by ICP/ AAS.
(2) With reference to EPA Method 3060A & 7196A for Hexavalent Chromium content.
Analysis was performed by colorimetric method (UV-VIS).
(3) With reference to EPA Method 3540C/ 3550C for PBB/ PBDE content.
Analysis was performed by GC/MS.

Test Results : Please refer to next page.

Conclusion : Based on the performed tests on submitted sample, the results comply with the RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS Hong Kong Ltd

Ho Ka Ting, Family
Senior Laboratory Executive

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Page 2 of 3

Test results by chemical method (Unit: mg/kg)
1-3)

	1	MDL	Limit
Cadmium(Cd)	n.d.	2	100
Lead (Pb)	3.11%	2	1000
Mercury (Hg)	n.d.	2	1000
Hexavalent Chromium (CrVI)	n.d.	2	1000
by colorimetric method			
Sum of PBBs	n.d.	-	1000
Monobromobiphenyl	n.d.	5	
Dibromobiphenyl	n.d.	5	
Tribromobiphenyl	n.d.	5	
Tetrabromobiphenyl	n.d.	5	
Hexabromobiphenyl	n.d.	5	
Pentabromobiphenyl	n.d.	5	
Heptabromobiphenyl	n.d.	5	
Octabromobiphenyl	n.d.	5	
Nonabromobiphenyl	n.d.	5	
Decabromobiphenyl	n.d.	5	
Sum of PBDEs (Note 4)	n.d.	-	1000
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	
Sum of PBDEs (Mono to Deca)	n.d.	-	

Note :

- (1) mg/kg = ppm; 0.1% = 1000 ppm
- (2) MDL = Method Detection Limit
- (3) n.d. = Not Detected (Less than MDL)
- (4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
- (5) - = Not Regulated
- (6) -- = Not Conducted

Remark :

As per client [MAYLOON ELECTRONIC CO., LTD] claimed, it is possible the source of lead in item 1 could be from the high melting solder material of that electronic component which is exempted by RoHS regulatory (Directive 2002/95/EC of The European Parliament and of The Council of 27 January 2003). However, the numerical result of detected restricted substances in item 1 cannot be related back to the concentration of the substances in the original homogeneous material.

Sample Description :

1. Black Plastic w/ Lt. Brown Printing w/ Coppery Metal w/ Silvery Plating w/ Chips

Sample photo :



SGS authenticate the photo on original report only

End of Report