



Test Report

MOSPEC SEMICONDUCTOR CORP.
76, CHUNG SHAN RD., HSIN SHIH, TAINAN,
TAIWAN, R. O. C.

Report No. : CE/2004/73070
Date : 2004/07/30
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The following merchandise was (were) submitted and identified by the client as :

Type of Product : ELECTRONIC SEMICONDUCTOR
Style/Item No : PLASTIC PACKAGE/TRANSISTOR, DIODE, MOSFET, THYRISTOR,
TVS DEVICE
Sample Received : 2004/07/23
Testing Date : 2004/07/23 TO 2004/07/30

Test Result

PART NAME NO.1 : SILVER COLORED METAL PIN

Test Item (s):	Unit	Method	MDL	Result			
				No. 1			
Chromium VI (Cr+6)	ppm	As per US EPA 7196A and US EPA 3060A.	2	N.D.			
Cadmium (Cd)	ppm	ICP-AES after as per EN 1122, method B:2001 or other acid digestion.	2	N.D.			
Mercury (Hg)	ppm	ICP-AES after as per US EPA 3052 or other acid digestion.	2	N.D.			
Lead (Pb)	ppm	ICP-AES after as per US EPA 3050B or other acid digestion.	2	N.D.			

NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit


Daniel Yen, M.R. / Operation Manager
Signed for and on behalf of
SGS TAIWAN LTD.

SGS Testing Korea Co., Ltd.

#18-34, Sanbon-dong, Gunpo-city, Kyunggi-do, Korea 435-040
Tel : 031) 428-5765~6, Fax: 031) 427-2374, InterNet>http://www.sgslab.co.kr

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DONG JIN SEMICHEM CO.,LTD.
472-2, Kajwa-dong, Su-gu,
Inchon, Korea

The following merchandise was submitted and identified by the client as : -

Type of Product : Epoxy molding Compound
SGS File No. : G-49/2004-2359/4A
Buyer : SONY
Style / Item No. : DMC-10(L,P), 20, 200NF, 2000AS(AT,AW), 2000JCQ(L), 2100VS,
40(H,I,W), 727XL(U), 8000, EF-300, EF910, EF960
Country of Origin : Korea
Sample Receiving Date : Sep. 06, 2004
Test Performing Date : Sep. 07, 2004
Test Performed : SGS Testing Korea tested the sample which was selected by applicant with
following result.
Test Results : For further details, please refer to following page.

SGS Testing Korea Co., Ltd.



Jason Han / Director

KHJ/hjp

SGS Testing Korea Co., Ltd.

#18-34, Sanbon-dong, Gunpo-city, Kyunggi-do, Korea 435-040
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Heavy Metal Test

Item(s)	Unit	Test Method	DL	Result(s)	Requirements	Conclusion
Cadmium (Cd)	mg/kg	USEPA 3050B, ICP-AES	0.5	n. d.	5	Pass
Lead (Pb)	mg/kg	USEPA 3050B, ICP-AES	5	n. d.	100	Pass
Mercury (Hg)	mg/kg	USEPA 3052, ICP-AES	0.5	n. d.	-	-
Hexavalent Chromium (Cr VI)	mg/kg	USEPA 3060A, UV-Vis	0.16	n. d.	-	-

Flame Retardants

Items	Unit	Test Method	D.L.	Results
Polybrominated Biphenyls (PBBs)	-	-	-	-
Bromobiphenyl	mg/kg	With reference to 83/264/EEC and 2003/11/EEC. Analysis was performed by GC/MS.	5	n. d.
Dibromobiphenyl	mg/kg		5	n. d.
Tribromobiphenyl	mg/kg		5	n. d.
Tetrabromobiphenyl	mg/kg		5	n. d.
Pentabromobiphenyl	mg/kg		5	n. d.
Hexabromobiphenyl	mg/kg		5	n. d.
Heptabromobiphenyl	mg/kg		5	n. d.
Octabromobiphenyl	mg/kg		5	n. d.
Decabromobiphenyl	mg/kg		5	n. d.
Polybrominated Diphenyl Ethers (PBDEs)	-		-	-
Bromodiphenyl ether	mg/kg	With reference to 83/264/EEC and 2003/11/EEC. Analysis was performed by GC/MS.	5	n. d.
Dibromodiphenyl ether	mg/kg		5	n. d.
Tribromodiphenyl ether	mg/kg		5	n. d.
Tetrabromodiphenyl ether	mg/kg		5	n. d.
Pentabromodiphenyl ether	mg/kg		5	n. d.
Hexabromodiphenyl ether	mg/kg		5	n. d.
Heptabromodiphenyl ether	mg/kg		5	n. d.
Octabromodiphenyl ether	mg/kg		5	n. d.
Nonabromodiphenyl ether	mg/kg		5	n. d.
Decabromodiphenyl ether	mg/kg		5	n. d.

Note : n. d. = Not detected

***** End *****

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