



Test Report

BOURNS INC.
1200 COLUMBIA AVE., RIVERSIDE, CA 92507-2114, USA

Report No. : CE/2006/48153
Date : 2006/05/04
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The following merchandise was (were) submitted and identified by the client as :

Type of Product : THICK FILM CONFORMAL SIPs
Style/Item No : 4600M-101/102 SERIES
Sample Received : 2006/04/26
Testing Date : 2006/04/26 TO 2006/05/04

=====
Test Result : - Please see the next page -


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

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Test Result

PART NAME NO.1 : MIXED ALL PARTS

Test Item (s):	Unit	Method	MDL	Result	
				No.1	
Monobromobiphenyl	%	With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.	
Dibromobiphenyl	%		0.0005	N.D.	
Tribromobiphenyl	%		0.0005	N.D.	
Tetrabromobiphenyl	%		0.0005	N.D.	
Pentabromobiphenyl	%		0.0005	N.D.	
Hexabromobiphenyl	%		0.0005	N.D.	
Heptabromobiphenyl	%		0.0005	N.D.	
Octabromobiphenyl	%		0.0005	N.D.	
Nonabromobiphenyl	%		0.0005	N.D.	
Decabromobiphenyl	%		0.0005	N.D.	
Total PBBs (Polybrominated biphenyls)/Sum of above	%		-	N.D.	
Monobromobiphenyl ether	%		With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC)	0.0005	N.D.
Dibromobiphenyl ether	%			0.0005	N.D.
Tribromobiphenyl ether	%	0.0005		N.D.	
Tetrabromobiphenyl ether	%	0.0005		N.D.	
Pentabromobiphenyl ether	%	0.0005		N.D.	
Hexabromobiphenyl ether	%	0.0005		N.D.	
Heptabromobiphenyl ether	%	0.0005		N.D.	
Octabromobiphenyl ether	%	0.0005		N.D.	
Nonabromobiphenyl ether	%	0.0005		N.D.	
Decabromobiphenyl ether	%	0.0005		N.D.	
Total PBDEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above	%	-		N.D.	
Total of Mono to Nonabrominated biphenyl ether. (Note 4)	%	-		N.D.	

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Test Item (s):	Unit	Method	MDL	Result
				No.1
Chromium VI (Cr+6)	ppm	UV-VIS(US EPA 7196A) after reference to US EPA 3060A.	2	N.D.
Cadmium (Cd)	ppm	ICP-AES after reference to EN 1122, method B:2001 or other acid digestion.	2	N.D.
Mercury (Hg)	ppm	ICP-AES after reference to US EPA 3052 or other acid digestion.	2	N.D.
Lead (Pb) (7)	ppm	ICP-AES after reference to US EPA 3050B or other acid digestion.	2	1014.6

- NOTE: (1) N.D. = Not detected (<MDL)
(2) ppm = mg/kg
(3) MDL = Method Detection Limit
(4) Decabromobiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under document 2005/717/EC.
(5) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.
(6) " - " = Not Regulation
(7) RoHS Exemption: Lead in glass cathode ray tubes, electronic components, and fluorescent tubes.

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