

### **Test Report**

LAIRD TECHNOLOGIES COMPANY

Report No. : CE/2006/20716

4707 DETROIT AVENUE, CLEVELAND, OHIO, USA 44102-

: 2006/02/14

2216

Test Result

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Date

### The following merchandise was (were) submitted and identified by the client as:

Type of Product : TGARD 20
Color : WHITE

Composition : WAX FILLED WITH ZINC OXIDE COATED ON

POLYESTER FILM

- Please see the next page -

Sample Received : 2006/02/07

<u>Testing Date</u> : 2006/02/07 TO 2006/02/14

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



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#### **Test Result**

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PART NAME NO.1 : WHITE PLASTIC FILM

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



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