

## Test Report

No. SH7083748/ CHEM

Date: Aug. 3, 2007

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3M CHINA LIMITED  
222# TIANLIN ROAD, SHANGHAI (200233)

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

Sample Name : 3M TARTAN PAPER TAPE 200  
SGS Ref No. : 10503503-4  
Supplier : 3M

Sample Receiving Date : Jul.31, 2007  
Testing Period : Jul.31 – Aug.03, 2007

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

Test Method : (1) With reference to US EPA Method 3052 for Cadmium, Lead and Mercury content for sample .  
Analysis was performed by ICP.  
(2) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium content for sample .  
Analysis was performed by UV/Vis Spectrometry.  
(3) With reference to US EPA Method 3540C/3550C 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

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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)	ND	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	ND	2	1000
Sum of PBBs	(5)	ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Pentabromobiphenyl		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:

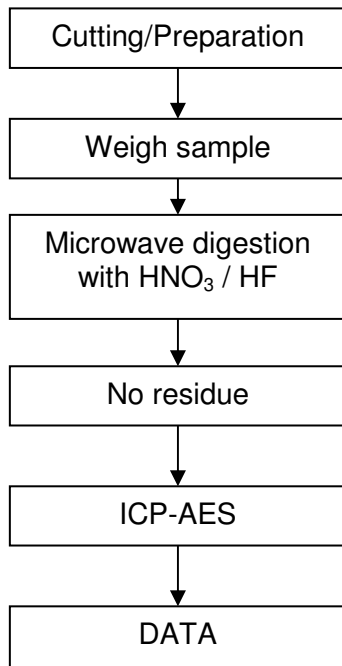
1.Beige paper adhesive tape

### 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

**ATTACHMENTS**

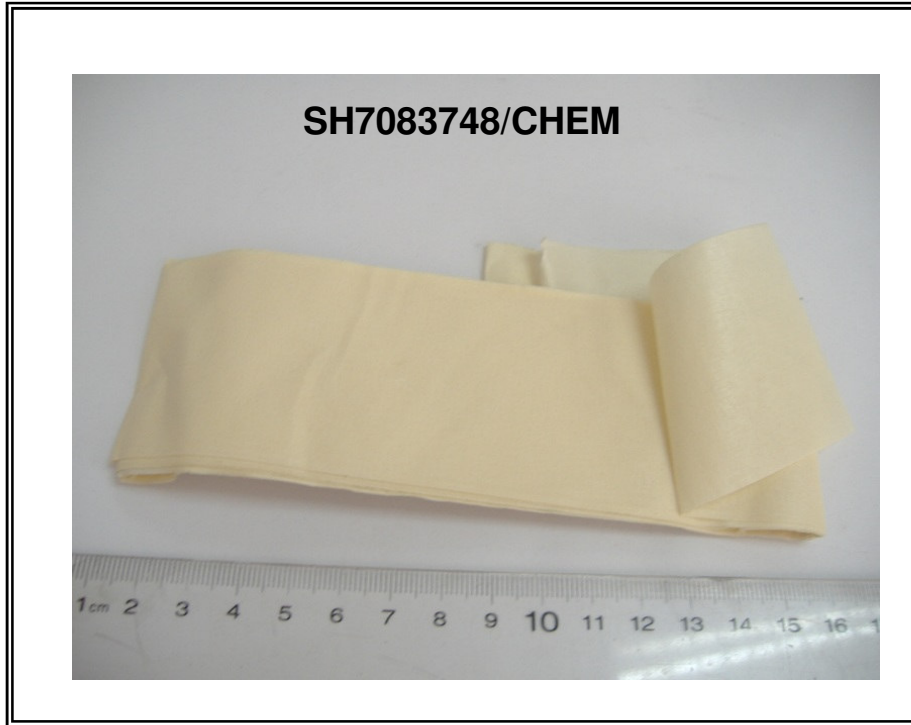
Cd and Pb Measurement Flowchart for sample 1



The samples were dissolved totally by pre-conditioning method according to above flow chart.

Tested by : Chaven Lian  
Checked by : Terry Wang

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*