

## Test Report

No. SH7152451/CHEM

Date: Jul. 14, 2009

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CHUANGYI ELECTRONIC (KUNSHAN) CO., LTD  
NO.367-1, YOUBI ROAD, KUNSHAN CITY, JIANGSU

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

Sample Name : DOUBLE SIDED ADHESIVE TAPE  
SGS Ref No. : 10746610-2  
Main Substance : TISSUE

Sample Receiving Date : Jul.11, 2009  
Testing Period : Jul.11– 14, 2009

Test Requested : (1) In accordance with the RoHS Directive 2002/95/EC, and its amendment directives  
(2) To determine the Halogen- Fluorine, Chlorine, Bromine, Iodine Content in the submitted sample.

Test Method : (1-1) With reference to IEC 62321 Ed.1 111/54/CDV for Cadmium content.  
Analysis was performed by ICP.  
(1-2) With reference to IEC 62321 Ed.1 111/54/CDV for Lead content.  
Analysis was performed by ICP.  
(1-3) With reference to IEC 62321 Ed.1 111/54/CDV for Mercury content.  
Analysis was performed by ICP.  
(1-4) With reference to IEC 62321 Ed.1 111/54/CDV for Hexavalent Chromium by Colorimetric Method.  
(1-5) With reference to IEC 62321 Ed.1 111/54/CDV for PBBs / PBDEs content.  
Analysis was performed by GC/MS  
(2) With reference to BS EN 14582:2007.  
(2-1) Determination of Fluorine by IC method.  
(2-2) Determination of Chlorine by IC method.  
(2-3) Determination of Bromine by IC method.  
(2-4) Determination of Iodine by IC method.

Test Results : Please refer to next pages

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Ella Zhang  
Section Manager

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)

### (1) Cadmium, Lead, Mercury, Hexavalent Chromium, PBBs / PBDEs Content

<u>Test Item(s):</u>	<u>Method (refer to)</u>	<u>1</u>	<u>MDL</u>	<u>RoHS Limit</u>
Cadmium(Cd)	(1-1)	ND	2	100
Lead (Pb)	(1-2)	ND	2	1000
Mercury (Hg)	(1-3)	ND	2	1000
Hexavalent Chromium (CrVI)	(1-4)	ND	2	1000
Sum of PBBs	(1-5)	ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		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	-	-	

### (2) Halogen- Fluorine, Chlorine, Bromine, Iodine Content

<u>Test Item(s):</u>	<u>Method (refer to)</u>	<u>1</u>	<u>MDL</u>
Fluorine(F)	(2-1)	ND	50
Chlorine(Cl)	(2-2)	ND	50
Bromine(Br)	(2-3)	ND	50
Iodine(I)	(2-4)	ND	50

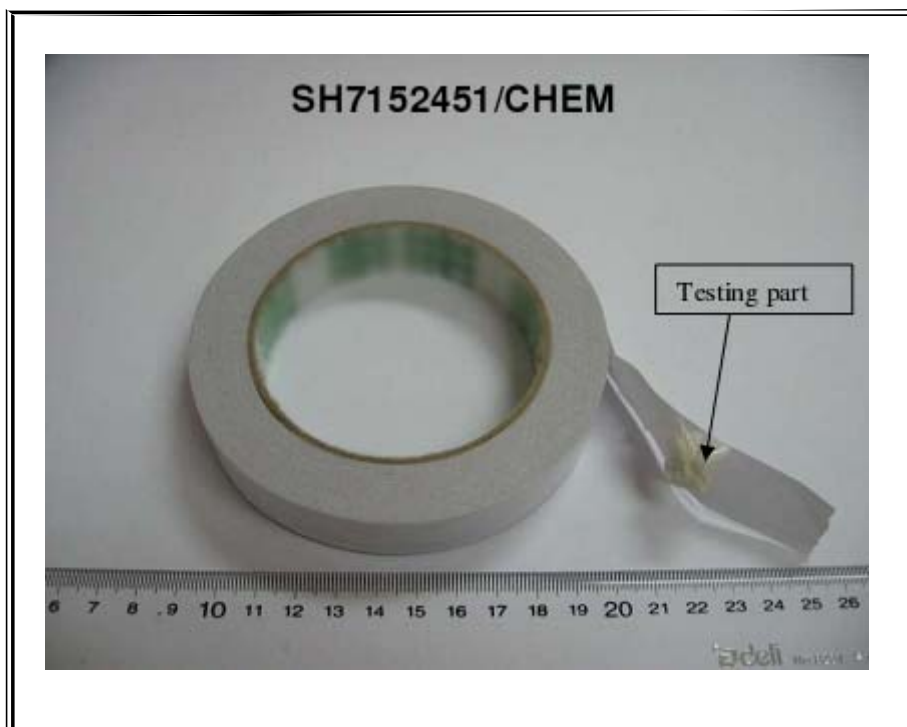
Test Part Description:

1. Transparent double sided adhesive tape part

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

Sample photo:



SGS authenticate the photo on original report only

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