

# Test Report

No. SH7011270/ CHEM Date: Feb. 3, 2007

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NINGBO LG YONGXING CHEMICAL CO.,LTD  
66.HAITIAN ROAD,HOUHAITANG INDUSTRY ZONE,ZHENHAI,NINGBO,ZHEJIANG,CHINA

Report on the submitted sample said to be ABS RESIN.

SGS Ref No. : 10238707  
Model No. : HI-121H  
Lot No : 71H121  
Main substance : ABS

Sample Receiving Date : Jan.31, 2007  
Testing Period : Jan.31 – Feb. 03, 2007

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

Test Method : (1) With reference to IEC 62321 Ed 111/54/CDV for Cadmium content  
Analysis was performed by ICP.  
(2) With reference to IEC 62321 Ed 111/54/CDV for Lead content  
Analysis was performed by ICP.  
(3) With reference to IEC 62321 Ed 111/54/CDV for Mercury content  
Analysis was performed by ICP.  
(4) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium.  
Analysis was performed by UV/Vis Spectrometry.  
(5) 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)	(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.White plastic pellet

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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 \*\*\*