

# Test Report

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FORMOSA PLASTICS CORPORATION  
NO.100, SUEI-GUAN RD., JEN-WU SHIANG, KAOHSIUNG COUNTY, TAIWAN, 81465  
R. O. C.

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

Sample Description : PVC POWDER  
Style/Item No. : PR-F(K)  
Color : WHITE  
Sample Receiving Date : 2008/04/16  
Testing Period : 2008/04/16 TO 2008/04/21

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## Test Requested

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

## Test Method


- : (1) With reference to BS EN 1122:2001, Method B for Cadmium Content. Analysis was performed by ICP-AES.
- : (2) With reference to US EPA Method 3050B for Lead Content. Analysis was performed by ICP-AES.
- : (3) With reference to US EPA Method 3052 for Mercury Content. Analysis was performed by ICP-AES.
- : (4) With reference to IEC 62321/2nd CDV (111/95/CDV). Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.
- : (5) With reference to US EPA 3540C for PBBs/PBDEs Content. Analysis was performed by GC/MS.

## Test Result(s)

: Please refer to next page(s).

## Conclusion

: Based on the performed tests on submitted samples, the result **comply with** the RoHS Directive 2002/95/EC and its subsequent amendments.

  
**Katherine Ho / Supervisor**  
**Signed for and on behalf of**  
**SGS Taiwan Limited**

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Test results by chemical method (Unit: mg/kg)

Test Item (s):	Method (Refer to)	Result	MDL	RoHS Limit
		No.1		
Cadmium (Cd)	(1)	n.d.	2	100
Lead (Pb)	(2)	n.d.	2	1000
Mercury (Hg)	(3)	n.d.	2	1000
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	2	1000
<b>Sum of PBBs</b>		n.d.	-	1000
Monobromobiphenyl		n.d.	5	-
Dibromobiphenyl		n.d.	5	-
Tribromobiphenyl		n.d.	5	-
Tetrabromobiphenyl		n.d.	5	-
Pentabromobiphenyl		n.d.	5	-
Hexabromobiphenyl		n.d.	5	-
Heptabromobiphenyl		n.d.	5	-
Octabromobiphenyl		n.d.	5	-
Nonabromobiphenyl		n.d.	5	-
Decabromobiphenyl		n.d.	5	-
<b>Sum of PBDEs (Mono to Nona)(Note 4)</b>	(5)	n.d.	-	1000
Monobromodiphenyl ether		n.d.	5	-
Dibromodiphenyl ether		n.d.	5	-
Tribromodiphenyl ether		n.d.	5	-
Tetrabromodiphenyl ether		n.d.	5	-
Pentabromodiphenyl ether		n.d.	5	-
Hexabromodiphenyl ether		n.d.	5	-
Heptabromodiphenyl ether		n.d.	5	-
Octabromodiphenyl ether		n.d.	5	-
Nonabromodiphenyl ether		n.d.	5	-
Decabromodiphenyl ether		n.d.	5	-
<b>Sum of PBDEs (Mono to Deca)</b>		n.d.	-	-

**TEST PART DESCRIPTION:**

NO.1 : WHITE PVC POWDER

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- Note :
1. mg/kg = ppm
  2. n.d. = Not Detected
  3. MDL = Method Detection Limit
  4. According to 2005/717/EC DecaBDE is exempt.
  5. " - " = Not Regulated

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\*\* End of Report \*\*

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