

# Test Report

FORMOSA PLASTICS CORPORATION  
No.100, Shuiguan Rd., Renwu Shiang, Kaohsiung County 814,  
Taiwan (R.O.C.)


Report No. :KE/2006/81053  
Date : 2006/08/22  
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**The following sample(s) was/were submitted and identified by/on behalf of the client as :**

Sample Description : MODIFIER FOR PVC  
Style/Item No. : M-31  
Sample Received : 2006/08/16  
Testing Date : 2006/08/16 TO 2006/08/22

**Test Result(s)** : - Please see the next page(s) -



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

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TW 3590040

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## Test Result(s)

PART NAME NO.1 : MODIFIER FOR PVC

Test Item(s)	Unit	Method	MDL	Result
				No. 1
<b>PBBs(Polybrominated biphenyls)</b>	---	---	---	---
Monobromobiphenyl	mg/kg (ppm)	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with GC/MS	5	N.D.
Dibromobiphenyl			5	N.D.
Tribromobiphenyl			5	N.D.
Tetrabromobiphenyl			5	N.D.
Pentabromobiphenyl			5	N.D.
Hexabromobiphenyl			5	N.D.
Heptabromobiphenyl			5	N.D.
Octabromobiphenyl			5	N.D.
Nonabromobiphenyl			5	N.D.
Decabromobiphenyl			5	N.D.
<b>Total PBBs(Polybrominated biphenyls) / Sum of above</b>			-	N.D.
<b>PBDEs(Polybrominated biphenyl ethers)</b>			---	---
Monobromobiphenyl ether	mg/kg (ppm)	With reference to USEPA3540C, Analysis was performed by GC/MS and screening via USEPA 3550C with GC/MS	5	N.D.
Dibromobiphenyl ether			5	N.D.
Tribromobiphenyl ether			5	N.D.
Tetrabromobiphenyl ether			5	N.D.
Pentabromobiphenyl ether			5	N.D.
Hexabromobiphenyl ether			5	N.D.
Heptabromobiphenyl ether			5	N.D.
Octabromobiphenyl ether			5	N.D.
Nonabromobiphenyl ether			5	N.D.
Decabromobiphenyl ether			5	N.D.
<b>Total PBDEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above</b>			-	N.D.
<b>Total of Mono to Nona-brominated biphenyl ether. (Note 4)</b>			-	N.D.

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TW 3590039

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Test Item(s)	Unit	Method	MDL	Result
				No. 1
Chromium VI (Cr+6)	mg/kg (ppm)	With referece to US EPA 3060A. Analysis was performed by UV-VIS (US EPA 7196A)	2	N.D.
Cadmium (Cd)	mg/kg (ppm)	With reference to EN 1122 method B:2001. Analysis was performed by ICP-AES.	2	N.D.
Mercury (Hg)	mg/kg (ppm)	With reference to US EPA 3052. Analysis was performed by ICP-AES.	2	N.D.
Lead (Pb)	mg/kg (ppm)	With reference to US EPA 3050B. Analysis was performed by ICP-AES.	2	N.D.

- NOTE: (1) N.D. = Not Detected (<MDL)  
 (2) mg/kg = ppm, 0.1% = 1000 ppm(mg/kg), 0.0005% = 5 ppm(mg/kg)  
 (3) MDL = Method Detection Limit  
 (4) Decabromobiphenyl 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 Regulated  
 (7) " --- " = Not Applicable  
 (8) Sample was totally digested for Pb, Cd, Hg.

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

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