

# Test Report

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

Report No. :KE/2006/81055  
Date : 2006/8/22  
Page : 1 of 4

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

**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-51  
Sample Received : 2006/08/16  
Testing Date : 2006/08/16 TO 2006/8/22

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

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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在[www.sgs.com](http://www.sgs.com)中查閱。將本公司之義務、免責、管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會依法追訴。

TW 3589990

# Test Report

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

Report No. :KE/2006/81055  
 Date : 2006/8/22  
 Page : 2 of 4

\*\*\*\*\*

## 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>			-	-
<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 PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above</b>			-	-
<b>Total of Mono to Nona-brominated biphenyl ether. (Note 4)</b>	-	-	-	N.D.

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵循本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在[www.sgs.com](http://www.sgs.com)中查閱。將本公司之義務、免責、管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW 3589989

# Test Report

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

Report No. :KE/2006/81055

Date : 2006/8/22

Page : 3 of 4

XX

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.

## Test Report

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

Report NO. :KE/2006/81055  
Date : 2006/8/22  
Page : 4 of 4



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

This document is issued by the Company subject to its General Conditions of Service printed overleaf or available on request and accessible at [www.sgs.com](http://www.sgs.com). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this report is unlawful and offenders may be prosecuted to the fullest extent of the law. 此報告是遵照本公司訂定之通用服務條款所製作發放，請注意此條款列印於背面，亦可在[www.sgs.com](http://www.sgs.com)中查閱。將本公司之義務、免責、管轄權皆明確規範之。除非另有說明，此報告結果僅對檢驗之樣品負責。本報告未經本公司書面許可，不可部份複製。對本報告內容或外觀之任何未經授權之變更、偽造、竄改皆屬非法，違犯者將會被依法追訴。

TW 3589987