

BUREAU OF STANDARDS, METROLOGY & INSPECTION
MINISTRY OF ECONOMIC AFFAIRS
REPUBLIC OF CHINA

4, SEC. 1 CHINAN ROAD,
TAIPEI, TAIWAN, R. O. C.
TEL: (02)23431700 FAX: (02)23921441

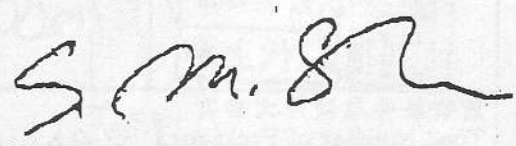
TEST REPORT

Application No: 9A309000625
Application Date: 2nd MAY 2000
Issue Date : 31st MAY 2000

Applicant: EN CHUAN CHEMICAL INDUSTRIES CO., LTD.
Address : (Null)

Type of Test	: Commissioned Inspection
Product	: POLYSTYRENE GP336
Specification	: (Null)
Model	: (Null)

The test of the product above is conducted at The Sixth Department of BSMI.
Please find the results as enclosed.
This test report relates only to the sample tested.
This test report contains 4 pages. The date of this test report are strictly prohibited from being altered or partially abridged by the holder of this report.



S. M. SHU Inspector, 5th Department (1)
Bureau of Standards, Metrology and Inspection,
Ministry of Economic Affairs

Director. The Sixth Department.
Authorized by the Director General of
Bureau of Standards, Metrology and Inspection

經濟部標準檢驗局

地址：台北市濟南路1段4號 電話：(02)23431700(代表號) 電話傳真：(02)23921441

試驗報告

申請號碼：9A309000625
受理日期：89年05月02日
簽發日期：89年05月31日

申請者：英全化學工業股份有限公司
地址：台中縣太平市太平路676號

測試類別：委託試驗

品名：聚苯乙烯

規格：(空白)

型號：(空白)

上項產品經本局第六組試驗，結果如附頁。

本報告之試驗結果僅對受測樣品負責。

本報告含附頁共 3 頁，不得自行更改或摘錄使用。

第六組組長
王正輝

局長授權簽發

申請者：英全化學工業股份有限公司

品名：聚苯乙烯

規格：(空白)

受理日期：89年05月02日

型號：(空白)

完成日期：89年05月30日

試 驗 項 目	試 驗 結 果
<p>材質試驗</p> <p>揮發性物質</p> <p> 苯乙烯單體</p> <p> 甲苯</p> <p> 乙苯</p> <p> 異丙苯</p> <p> 正丙苯</p> <p>溶出試驗</p> <p> 過錳酸鉀消耗量(蒸餾水, 60°C, 30分 鐘)</p> <p> 甲醇(4%醋酸, 60°C, 30分鐘)(液相 層析法)</p> <p> 蒸餾水, 60°C, 30分鐘</p> <p> 4%醋酸, 60°C, 30分鐘</p> <p> 正庚烷, 25°C, 1小時</p> <p> 20%乙醇, 80°C, 30分鐘</p>	<p>185ppm</p> <p>未檢出(可檢下限50ppm)</p> <p>未檢出(可檢下限50ppm)</p> <p>未檢出(可檢下限50ppm)</p> <p>未檢出(可檢下限50ppm)</p> <p>0.1ppm</p> <p>未檢出(可檢下限1ppm)</p> <p>0.4ppm</p> <p>4ppm</p> <p>11ppm</p> <p>4ppm</p>
<p>試驗說明：</p> <p> 依 CNS 12221 試驗。</p>	

申請者：英全化學工業股份有限公司
品名：聚苯乙烯
規格：(空白)
受理日期：89年05月02日

型號：(空白)
完成日期：89年05月30日

試 驗 項 目	試 驗 結 果
溶出試驗 重金屬(以Pb計)(4%醋酸, 60°C, 30分鐘) 材質試驗:(CNS12221) 鉛(Pb) 鎘(Cd)	1ppm以下 未檢出(可檢下限3ppm) 未檢出(可檢下限0.5ppm)

試驗說明：(以下空白)

CHEONG NING SODOMI CO., LTD.

This Order must be placed in the form of the order form and can be cancelled at any time without notice.

此單：請按此單填寫，如有更改，請於單上註明，恕不退還。

單號：31P 9009

日期：89年05月30日

DEPARTMENT OF TRADE

貿易部

No. 831

CHEONG NING SODOMI CO., LTD.

英全化學工業股份有限公司

品名	數量
規格	單位
中文	英文
日期	備註
負責人簽名	

MINISTRY OF ECONOMIC AFFAIRS
REPUBLIC OF CHINA

Application No: 9A309000625
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Applicant: EN CHUAN CHEMICAL INDUSTRIES CO., LTD.

Product: POLYSTYRENE GP336

Specifications: (Null)

Application Date: 2nd MAY 2000

Model: (Null)

Completion Date: 30th MAY 2000

Test Items	Results
Material test	
Volatile content	
Styrene monomer	185ppm
Toluene	Not detectable (detection limit 50 ppm)
Ethylbenzene	Not detectable (detection limit 50 ppm)
Isopropylbenzene (Cumene)	Not detectable (detection limit 50 ppm)
n-Propylbenzene	Not detectable (detection limit 50 ppm)
Leaching test	
KMnO ₄ Consumption (distilled water, 60°C, 30min)	0.1ppm
Methanol (4% acetic acid, 80 °C, 30min)(Gas chromatography)	Not detectable (detection limit 1 ppm)
Residue on evaporation	
Distilled water, 60°C, 30 min	0.4ppm
4% Acetic acid, 60°C, 30 min	4ppm
n-Heptane, 25°C, 1hr	11ppm

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REPUBLIC OF CHINA

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Applicant: EN CHUAN CHEMICAL INDUSTRIES CO., LTD.
Product: POLYSTYRENE GP836
Specifications: (Null)
Application Date: 2nd MAY 2000

Model: (Null)
Completion Date: 30th MAY 2000

Test Items	Results
<p>Leaching test: Heavy metal(as Pb) (4%acetic acid, 60°C, 30min)</p> <p>Material test:(CNS12221)</p> <p>Lead</p> <p>Cadmium</p>	<p>Less than 1ppm</p> <p>Not detected (detection limit 3ppm)</p> <p>Not detected (detection limit 0.5ppm)</p>
<p>Test Description: (Null)</p>	

CHEONG NING CODOMI CO. LTD.
12:21

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REPUBLIC OF CHINA

Application No : 9A309000625
Page : 2 of 3 Page(s)

Applicant : EN CHUAN CHEMICAL INDUSTRIES CO., LTD.
Product : POLYSTYRENE GP336
Specifications : (Null)
Application Date : 2nd MAY 2000

Model : (Null)
Completion Date : 30th MAY 2000

Test Items	Results
20% Ethanol, 60°C, 30min	4ppm
<p>Test Description :</p> <p>The tests were carried out in accordance with CNS 12221.</p>	