

# CHIMEI

鎮江奇美化工有限公司  
ZHENJIANG CHI MEI CHEMICAL CO., LTD

江苏省镇江市大港开发新区韩峰路 18 号  
No.18,Han Feng Rd., Dagang,  
Zhenjiang New Area, Jiangsu China  
Tel:0511-83121300 Fax:0511-83121033

## 泛用級 PS, POLYREX<sup>®</sup> PG-383M

April 9, 2008 VIW

### 材料特性

| 特性(Properties)                    | 測試方法(Test Method)  | 測試條件(Test Condition)   | 單位(Unit)                                 | PG-383M                |
|-----------------------------------|--------------------|------------------------|--|------------------------|
| 引張強度<br>Tensile Strength          | ASTM D638          | 1/8",6 mm/min          | Kg/cm <sup>2</sup> (lb/in <sup>2</sup> ) | 540(7670)              |
| 延伸率<br>Tensile Elongation         | ASTM D638          | 1/8",6 mm/min          | %  | 4.0                    |
| 彎曲強度<br>Flexural Strength         | ASTM D790          | 1/4",2.8 mm/min        | Kg/cm <sup>2</sup> (lb/in <sup>2</sup> ) | 680(9660)              |
| 彎曲彈性率<br>Flexural Modulus         | ASTM D790          | 1/4",2.8 mm/min        | Kg/cm <sup>2</sup> (lb/in <sup>2</sup> ) | 28000(398000)          |
| IZOD 衝擊強度<br>Izod Impact Strength | ASTM D256(Notched) | 1/4",23°C<br>1/8",23°C | Kg-cm/cm(ft-lb/in)<br>Kg-cm/cm(ft-lb/in) | 1.9(0.35)<br>2.0(0.37) |
| 流動係數<br>Melt Flow Index           | ASTM D1238         | 200°C ,5Kg             | g/10min                                  | 3.0                    |
| 硬度<br>Hardness                    | ASTM D785          | 1/4"                   | M Scale                                  | 80                     |
| 比重<br>Specific Gravity            | ASTM D792          | 23°C                   | -  | 1.05                   |
| 軟化點<br>Vicat Softening Temp.      | ASTM D1525         | 1/8",50°C /hr          | °C (°F)                                  | 97(206)                |
| 熱變形溫度<br>Heat Distortion Temp.    | ASTM D648          | 1/4",120°C /hr         | °C (°F)                                  | 81(178)                |
| 燃燒率<br>Flammability               | UL 94              | -                      | -  | 1/16"HB                |

以上數據僅代表一般通用數據，不代表每一產品的規格值