

# CHIMEI

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## 透明 ABS, POLYLAC<sup>®</sup> PA-758

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### 材料規格：

| 特性<br>(Properties)                | 測試方法<br>(Test Method)  | 測試條件<br>(Test Condition) | 單位(Unit)                                    | PA-758                            |
|-----------------------------------|------------------------|--------------------------|---|-----------------------------------|
| 引張強度<br>Tensile Strength          | ASTM D638              | 1/8", 6 mm/min           | Kg/cm <sup>2</sup><br>(lb/in <sup>2</sup> ) | <b>405</b><br><b>(5,740)</b>      |
| 彎曲強度<br>Flexural Strength         | ASTM D790              | 1/4", 2.8 mm/min         | Kg/cm <sup>2</sup><br>(lb/in <sup>2</sup> ) | <b>550</b><br><b>(7,780)</b>      |
| 彎曲彈性率<br>Flexural Modulus         | ASTM D790              | 1/4", 2.8 mm/min         | Kg/cm <sup>2</sup><br>(lb/in <sup>2</sup> ) | <b>19,000</b><br><b>(270,000)</b> |
| IZOD 衝擊強度<br>Izod Impact Strength | ASTM D256<br>(Notched) | 1/4", 23°C               | Kg-cm/cm                                    | <b>16</b>                         |
| 流動係數<br>Melt Flow Index           | ASTM D1238             | 200°C, 5Kg               | g/10min                                     | <b>3.0</b>                        |
|                                   |                        | 220°C, 10Kg              |   | <b>34</b>                         |
| 比重<br>Specific Gravity            | ASTM D792              | 23°C                     | -   | <b>1.08</b>                       |
| 軟化點<br>Vicat Softening Temp.      | ASTM D1525             | 1/8", 50°C/hr            | °C (°F)                                     | <b>105(221)</b>                   |
| 熱變形溫度<br>H.D.T.                   | ASTM D648              | 1/4", 120°C/hr           | °C (°F)                                     | <b>88(190)</b>                    |
| 濁度<br>Haze                        | ASTM D1003             | 1/8"                     | -   | <b>4.0</b>                        |
| 光線透過率<br>Light Transmission       | ASTM D1003             | 1/8"                     | %   | <b>89</b>                         |
| 燃燒率<br>Flammability               | UL 94                  | -                        | -   | <b>1/16" HB</b>                   |

以上數據僅代表一般通用數據，不代表每一產品的規格值