

CHIMEI

a step up

MABS POLYLAC[®] Characteristics PA-758R

| 特性 PROPERTIES | 測試方法 ASTM TEST METHOD | 測試條件 TEST CONDITION | 單位 UNIT | 一般級 GENERAL |
|---------------------------------------|-----------------------------|------------------------|------------------------------------|-------------|
| | | | | PA-758R |
| 熔融指數 Melt Flow Index | D1238 | 200 °C, 5 Kg | g/10 min | 2.2 |
| | | 220 °C, 10 Kg | | - |
| 比重 Mass Density | D792 | 23 °C | - | 1.08 |
| 硬度 Hardness | D785 | - | R Scale | 110 |
| 拉伸強度 (屈服) Tensile Strength (Yield) | D638 | 6 mm/min | Kg/cm ² | 420 |
| | | | lb/in ² | 5720 |
| 延伸率 Tensile Elongation | D638 | 6 mm/min | % | 65 |
| 彎曲強度 Flexural Strength | D790 | 2.8 mm/min | Kg/cm ² | 610 |
| | | | lb/in ² | 8650 |
| 彎曲彈性模數 Flexural Modulus | D790 | 2.8 mm/min | 10 ⁴ Kg/cm ² | 2.1 |
| | | | 10 ⁵ lb/in ² | 3.0 |
| IZOD 衝擊強度 Izod Impact Strength | D256 (Notched) | 6.4 mm, 23°C | Kg-cm/cm | 16 |
| | | | ft-lb/in | 3.0 |
| | | 3.2 mm, 23°C | Kg-cm/cm | 15 |
| | | | ft-lb/in | 2.8 |
| 維氏軟化溫度 Vicat Softening Temp. | D1525 | 1 Kg, 50 °C/hr | °C | 102 |
| | | | °F | 216 |
| 熱變形溫度 Heat Distortion Temp. | D648 | 1.8 MPa Annealed | °C | 97 |
| | | | °F | 207 |
| | | 1.8 MPa Unannealed | °C | 86 |
| | | | °F | 187 |
| UL 燃燒等級 UL Flammability | UL 94 | - | - | 1.5 mm HB |