

General GPPS POLYREX® PG-80

產品敘述: High strength

| 物性 | ISO 測試方法 | 測試條件 | 單位 | PG-80 |
|-------------|----------|--------------------|-------------------|----------------------|
| 熔融指數 | 1133 | 200°C×5KG | ml/10 min | 4.5 |
| 比重 | 1183 | 23 °C | g/cm ³ | 1.05 |
| 拉伸強度 | 527 | 50 mm/min, yield | MPa | - |
| | | 50 mm/min, break | MPa | 48 |
| 延伸率 | 527 | 50 mm/min | % | 5 |
| 彎曲強度 | 178 | 2 mm/min | MPa | 68 |
| 彎曲彈性模數 | | 2 mm/min | GPa | 2.4 |
| IZOD 衝擊強度 | 180/1A | 23 °C Notched | KJ/m ² | 2 |
| | | -30 °C Notched | KJ/m ² | 1.8 |
| Charpy 衝擊強度 | 179 | 23 °C Notched | KJ/m ² | 3 |
| | | -30 °C Notched | KJ/m ² | 2.5 |
| 維氏軟化溫度 | 306 | 1 Kg,50 °C/hr | °C | 96 |
| | | 5 Kg,50 °C/hr | °C | 92 |
| 熱變形溫度 | 75/A | 1.8 MPa Unannealed | °C | 80 |
| | | 1.8 MPa Annealed | °C | 94 |
| 線膨脹係數 | 11359 | - | - | 5~8x10 ⁻⁵ |
| 燃燒等級 | - | UL-94 | - | 1.5mm HB |
| 成型收縮率 | 294-4 | - | % | 0.4~0.7 |
| 標記 | 1043 | - | - | >PS< |

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Notes : These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

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