

Flame Retardant PC Alloy WONDERLOY® PC-540

產品敘述: High heat

| 物性 | ISO 測試方法 | 測試條件 | 單位 | PC-540 |
|-------------|-----------|--------------------------|-------------------|-------------------------------------|
| 熔融指數 | 1133 | 260°C×2.16KG | ml/10 min | 20 |
| Spiral flow | CHIMEI | 260°C, 2mm, V:50%, P:50% | cm | 40 |
| 比重 | 1183 | 23 °C | g/cm ³ | 1.18 |
| 拉伸強度 | 527 | 50 mm/min, yield | MPa | 60 |
| | | 50 mm/min, break | MPa | 55 |
| 延伸率 | 527 | 50 mm/min | % | 120 |
| 彎曲強度 | 178 | 2 mm/min | MPa | 90 |
| 彎曲彈性模數 | | 2 mm/min | GPa | 2.5 |
| IZOD 衝擊強度 | 180/1A | 23°C, Notched | KJ/m ² | 40 |
| | | -30°C, Notched | KJ/m ² | — |
| Charpy 衝擊強度 | 179 | 23°C, Notched | KJ/m ² | 40 |
| | | -30°C, Notched | KJ/m ² | — |
| 維氏軟化溫度 | 306 | 50°C/hr; 1KG | °C | 107 |
| | | 50°C/hr; 5KG | °C | 101 |
| 熱變形溫度 | 75/A | 1.8MPa, unannealed | °C | 83 |
| | | 1.8MPa, annealed | °C | — |
| 介電系數 | IEC 60250 | 1MHz | -- | 3.1 |
| 體積電阻率 | IEC 60093 | -- | Ohm X m | 3.9E+15 |
| 表面電阻率 | IEC 60093 | -- | Ohm | 2.9E+15 |
| 線膨脹係數 | 11359 | -- | -- | 8*10 ⁻⁵ |
| 燃燒等級 | -- | UL-94 | -- | 1.5mm V-0 2.0mm 5VB 3.0mm 5VA |
| 成型收縮率 | 294-4 | -- | % | 0.4~0.6 |
| 標記 | 1043 | -- | -- | >ABS+PC-FR(40)< |

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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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