



RebornPlas

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物性報告 Materials Data Sheet

- 尼龍66
- 33%玻纖增強
- 本色

B3000G33NC

1. 物性標準 Materials Standard :

| 檢測項目 | Property | 測試方法 Test Method | 單位Unit | 數值Value |
|--------|---|------------------|--------------------|---------|
| 機械性質 | Mechanical properties | | | |
| 抗張強度 | Tensile Strength | ASTM D638 | kg/cm ² | 1700 |
| 延伸率 | Elongation at Break | ASTM D638 | % | < 5 |
| 彎曲強度 | Flexural Strength | ASTM D790 | kg/cm ² | 2600 |
| 彎曲彈性模數 | Flexural Modulus | ASTM D790 | kg/cm ² | 80000 |
| 衝擊強度 | IZOD Impact, Notched 1/8" 23°C | ASTM D256 | kg-cm/cm | 14 |
| | IZOD Impact, Notched 1/8"-30°C | | kg-cm/cm | - |
| 硬度 | Hardness Shore D | ASTM D2240 | - | - |
| | Hardness Rockwell R Scale | ASTM D785 | - | 120 |
| 熱特性 | Thermal | | | |
| 熱變形溫度 | Heat Deflection Temperature (18.6kg/cm ²) | ASTM D648 | °C | 245 |
| 其它 | Other | | | |
| 收縮率 | Shrinkage | ASTM D955 | % | 0.2~0.4 |
| 熔融指數 | Melt Index | ASTM D1238 | g/10min | - |
| 比重 | Specific Gravity | ASTM D792 | - | 1.38 |
| 灰份 | Ash Content | ASTM D482 | % | 33 |
| 含水率 | Equilibrium Moisture Content | ASTM D570 | % | < 0.3 |
| 耐燃性 | Flammability | UL 94 | 1.6mm | - |

2. 成形條件 Molding Condition

| 乾燥條件 Drying | 料管溫度 Melt Temp | 射出壓力 Inject Press. |
|--------------|----------------|----------------------|
| 80~100°C*4HR | 245~280°C | 20kg/cm ² |

附註:測試條件: 23°C, 50%RH, 24小時。以上數據會隨使用條件不同而有所改變, 故此數據僅供參考。

Note: Test Conditions : 23°C, 50%RH, 24 hours.

The data sheet is for your reference. And the data above will vary as the actual using condition changes.

表單編號: QA100C Rev. 0