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產品物性表 (TDS)

● MD212GM38

● 玻礦纖維強化級 ● 本色

| 項目(Item) | 測試方法 (Test Method) | 單位(Unit) | 參考值(Ref. Value) |
|-------------------------|----------------------------------|------------|---|
| 機械性能(Mechanical) | | | |
| 衝擊強度 | Izod Impact | D-256 | 23°C Kg-cm/cm - 20°C -40°C |
| | | | 8 — — |
| 抗張強度 | Tensile Str.Yield | D-638 | Kg/cm ² |
| | | | 1200 |
| 伸長率 | Tensile Elongation,Break | D-638 | % |
| | | | — |
| 抗折強度 | Flexural Strength | D-790 | Kg/cm ² |
| | | | 2340 |
| 抗折模數 | Flexural Modulus | D-790 | Kg/cm ² |
| | | | 71500 |
| 硬度 | Rockwell Hardness | D-785 | R-Scale |
| | | | — |
| 熱性能(Thermal) | | | |
| 融點 | Melting Point | D-789 | °C |
| | | | — |
| 熱變形溫度 | H.D.T | D-648 | °C 66 psi 264 psi |
| | | | — 230 |
| 線膨脹係數 | Coefficient of Thermal Expansion | D-696 | E ⁻⁵ 1/°C |
| | | | — |
| 炙熱電線耐燃試驗 | Glow Wire Test | IEC695-2-1 | °C |
| | | | — |
| 電性測試(Electrical) | | | |
| 介電強度 | Dielectric Strength | D-149 | kv/mm |
| | | | — |
| 體積電阻 | Volume Resistivity | D-257 | ohm-cm |
| | | | — |
| 耐電弧 | Arc Resistance | D-495 | Sec |
| | | | — |
| 其他(Other) | | | |
| 比重 | Specific Gravity | D-792 | -- |
| | | | 1.47 |
| 收縮率 | Mold Shrinkage | D-995 | % 3mm |
| | | | 0.3-0.4 |
| 含水率 | Moisture Content | D-570 | % 23°C,24hr |
| | | | — |
| 熔融指數 | Melt Flow Index | D-1238 | g/10min (270°C/2.16Kg) |
| | | | — |
| 灰份含量 | Ash Content | -- | % '575±25°C · 4hr |
| | | | — |
| 耐燃性 | Flammability | UL-94 | 1/8" · 3,18mm 1/16" · 1,59mm 1/32" · 0,79mm |
| | | | HB |

附註：

※產品物性和操作條件僅供參考。

※ Product properties and operating conditions are for reference only.

※使用的條件和適用的法規可能隨不同地區或時間而改變，賣方對文件中的資訊不承擔任何義務或法律責任。

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