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## 產品物性表 (TDS)

MP212G50

● 耐高溫玻纖強化級 ● 本色

| 項目(Item)                | 測試方法<br>(Test Method)            | 單位(Unit)   | 參考值(Ref. Value)                                   |
|-------------------------|----------------------------------|------------|---------------------------------------------------|
| <b>機械性能(Mechanical)</b> |                                  |            |                                                   |
| 衝擊強度                    | Izod Impact                      | D-256      | 23°C<br>Kg-cm/cm - 20°C<br>-40°C                  |
| 抗張強度                    | Tensile Str.Yield                | D-638      | Kg/cm <sup>2</sup>                                |
| 伸長率                     | Tensile Elongation,Break         | D-638      | %                                                 |
| 抗折強度                    | Flexural Strength                | D-790      | Kg/cm <sup>2</sup>                                |
| 抗折模數                    | Flexural Modulus                 | D-790      | Kg/cm <sup>2</sup>                                |
| 硬度                      | Rockwell Hardness                | D-785      | R-Scale                                           |
| <b>熱性能(Thermal)</b>     |                                  |            |                                                   |
| 融點                      | Melting Point                    | D-789      | °C                                                |
| 熱變形溫度                   | H.D.T                            | D-648      | °C 66 psi<br>264 psi                              |
| 線膨脹係數                   | Coefficient of Thermal Expansion | D-696      | E <sup>-5</sup> 1/°C                              |
| 炙熱電線耐燃試驗                | Glow Wire Test                   | IEC695-2-1 | °C                                                |
| <b>電性測試(Electrical)</b> |                                  |            |                                                   |
| 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                                               |
| <b>其他(Other)</b>        |                                  |            |                                                   |
| 比重                      | Specific Gravity                 | D-792      | --                                                |
| 收縮率                     | Mold Shrinkage                   | D-995      | %<br>3mm                                          |
| 含水率                     | Moisture Content                 | D-570      | %<br>23°C,24hr                                    |
| 熔融指數                    | Melt Flow Index                  | D-1238     | g/10min<br>(330°C/2.16Kg)                         |
| 灰份含量                    | Ash Content                      | --         | %<br>'575±25°C · 4hr                              |
| 耐燃性                     | Flammability                     | UL-94      | 1/8" · 3,18mm<br>1/16" · 1,59mm<br>1/32" · 0,79mm |

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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ISO 14001



TS 16949



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