



**邦泰複合材料股份有限公司**  
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**PTX-2-70H-NA**

**產品資訊**

**Product Information**

| 物理性質   | PROPERTY                                    | 測試方法METHOD | 單位UNIT             | 結果(數據)RESULT     |
|--|---|------------|--------------------|------------------|
| <b>機械性質 MECHANICAL</b>   |   |            |                    |                  |
| 抗張強度   | Tensile Strength                            | ASTM D638  | kg/cm <sup>2</sup> | <b>1000</b>      |
| 伸長率  | Elongation                                  | ASTM D638  | %                  | <b>2</b>         |
| 抗折強度   | Flexural Strength                           | ASTM D790  | kg/cm <sup>2</sup> | <b>1750</b>      |
| 抗折模數   | Flexural Modulus                            | ASTM D790  | kg/cm <sup>2</sup> | <b>110000</b>    |
| 衝擊強度   | IZOD Impact, Notched 1/8" RT                | ASTM D256  | kg-cm/cm           | <b>6</b>         |
|  | IZOD Impact, Notched 1/8"-20°C              | ASTM D256  | kg-cm/cm           |                  |
|  | IZOD Impact, Notched 1/8" -40°C             | ASTM D256  | kg-cm/cm           |                  |
| 硬度   | Hardness – R Scale                          | ASTM D785  | -                  |                  |
| 硬度   | Hardness – Shore D                          | ASTM D2240 | -                  |                  |
| <b>熱性質 THERMAL</b>   |   |            |                    |                  |
| 熱變形溫度  | Heat Deflection Temp. 4.6kg/cm <sup>2</sup> | ASTM D648  | °C                 | -                |
| 熱變形溫度  | Heat Deflection Temp.18.6kg/cm <sup>2</sup> | ASTM D648  | °C                 | <b>210</b>       |
| <b>其它 OTHER</b>  |   |            |                    |                  |
| 流動指數   | Melt Index, g/10 min                        | ASTM D1238 | -                  | -                |
| 成形收縮率  | Mold Shrinkage                              | ASTM D955  | cm/cm              | <b>0.2-0.3</b>   |
| 比重   | Specific Gravity                            | ASTM D792  |                    | <b>2.25-2.27</b> |
| 灰分   | Filler Content                              | ASTM D2584 | %                  | -                |
| 含水率  | Water Absorption                            | ASTM D570  | %                  | <b>≤0.2</b>      |
| 耐燃性  | Flammability 1/8"                           | UL 94      | -                  | -                |
| <b>附註 Remark</b>   |   |            |                    |                  |
| ※Typical properties can be subject to change without further notice. |   |            |                    |                  |