



邦泰複合材料股份有限公司  
PONTEX POLYBLEND CO., LTD.

▶▶▶ Nylon / N6130T-GY1

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> | 480          |
| 伸長率                    | Elongation                                  | ASTM D638     | %                  | 10           |
| 抗折強度                   | Flexural Strength                           | ASTM D790     | kg/cm <sup>2</sup> | 850          |
| 抗折模數                   | Flexural Modulus                            | ASTM D790     | kg/cm <sup>2</sup> | 35000        |
| 衝擊強度                   | IZOD Impact, Notched 1/8" RT                | ASTM D256     | kg-cm/cm           | 6            |
|                        | 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 D785     | -                  |              |
| <b>熱性質 THERMAL</b>     |   |               |                    |              |
|                        | Heat Deflection Temp. 4.6kg/cm <sup>2</sup> | ASTM D648     | °C                 | 120          |
|                        | Heat Deflection Temp.18.6kg/cm <sup>2</sup> | ASTM D648     | °C                 |              |
| <b>其它 OTHER</b>        |   |               |                    |              |
| 流動指數                   | Melt Index, g/10 min                        | ASTM D1238    | -                  |              |
| 成形收縮率                  | Mold Shrinkage                              | ASTM D2240    | cm/cm              | 0.5-0.8      |
| 比重                     | Specific Gravity                            | ASTM D792     |                    | 1.33         |
| 灰分                     | Filler Content                              | ASTM D5630-06 | %                  |              |
| 含水率                    | Water Absorption                            |               | %                  | 0.2          |
| 耐燃性                    | Flammability 1/8"                           | UL 94         | -                  |              |
| 附註 Remark              |   |               |                    |              |