



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

▶▶▶ Nylon / N6115G-RD4

產品資訊

Product Information

| 物理性質 | PROPERTY | 測試方法METHOD | 單位UNIT | 結果(數據)RESULT |
|------------------------|---------------------------------------------|---------------|--------------------|----------------|
| 機械性質 MECHANICAL | | | | |
| 抗張強度 | Tensile Strength | ASTM D638 | kg/cm ² | 800 |
| 伸長率 | Elongation | ASTM D638 | % | 2 |
| 抗折強度 | Flexural Strength | ASTM D790 | kg/cm ² | 1500 |
| 抗折模數 | Flexural Modulus | ASTM D790 | kg/cm ² | 55000 |
| 衝擊強度 | IZOD Impact, Notched 1/8" RT | ASTM D256 | kg-cm/cm | 5 |
| | 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 | - | |
| 熱性質 THERMAL | | | | |
| | Heat Deflection Temp. 4.6kg/cm ² | ASTM D648 | °C | |
| | Heat Deflection Temp.18.6kg/cm ² | ASTM D648 | °C | 190 |
| 其它 OTHER | | | | |
| 流動指數 | Melt Index, g/10 min | ASTM D1238 | - | |
| 成形收縮率 | Mold Shrinkage | ASTM D2240 | cm/cm | 0.2-0.4 |
| 比重 | Specific Gravity | ASTM D792 | | 1.2 |
| 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 | | | | |