

永嘉烯 YUNGSOX

5018T

無規共聚物 RANDOM COPOLYMER

用途 Applications

- 吹瓶 Blow molding
- 果汁瓶 Juice bottle
- 透明文件夾 Transparency portfolio

特性 Characteristics

- 高透明性 High transparency
- 光澤性佳 Good luster

物性 Typical Properties

| 項目 Properties | 單位 Unit | 檢驗方法 Test Method | 平均值 Typical Value |
|---------------------------------------|-----------------------------|------------------------------------|----------------------|
| 熔融指數 Melt Index | g/10min | ISO1133 (ASTM D-1238) | 1.7 |
| 密度 Density | g/cm ³ | ISO1183 (ASTM D792) | 0.90 |
| 熔點 Melting Point | °C | DSC | 146 |
| 熱變形溫度 Heat Deflection Temperature | °C | ISO75 (ASTM D-648) | 95 |
| 軟化點溫度 Vicat Softening Temperature | °C | ISO306 | 125 |
| 降伏點拉力強度 Tensile Strength at Yield | Kg/cm ² (MPa) | ISO527 (ASTM D-638) | 300 (29) |
| 斷裂點伸長率 Tensile Elongation at Break | % | ISO527 (ASTM D-638) | 400 |
| 洛氏硬度 Rockwell Hardness | R scale | ISO2039 (ASTM D-785) | 98 |
| 剛性係數 Flexural Modulus | Kg/cm ² (MPa) | ISO178 (ASTM D-790) | 10,500 (1030) |
| IZOD 衝擊強度 IZOD Impact Strength | Kg.cm/cm Notch (J/m) | ISO 180 23°C (ASTM D-256) -20°C | 15 (147) --- |
| 收縮率 Mold Shrinkage | % | FPC Method | 1.3-1.7 |

本表數據為代表值，僅供選擇品級用途之參考

The details given in this data sheet are our standard value but not specification guaranteed.

FDA 認可 FDA Approval

永嘉烯 5018T 符合美國食品及藥物管理局 21 CFR 177.1520 之規範，可直接與食物接觸。

Yungsox 5018T resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.