

永嘉烯 YUNGSOX

5050R

三元共聚物 TERPOLYMER

用途 Applications

- 熱封層膜 Heat sealing layer
- 收縮膜 Shrink film

特性 Characteristics

- 低熱封溫度 Low heat seal temperature
- 柔軟性佳 Good softness

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) | 6.5 |
| 密度 Density | g/cm ³ | ISO1183 (ASTM D792) | 0.90 |
| 熔點 Melting Point | °C | DSC | 130 |
| 熱變形溫度 Heat Deflection Temperature | °C | ISO75 (ASTM D-648) | 75 |
| 軟化點溫度 Vicat Softening Temperature | °C | ISO306 | 110 |
| 降伏點拉力強度 Tensile Strength at Yield | Kg/cm ² (MPa) | ISO527 (ASTM D-638) | 200 (20) |
| 斷裂點伸長率 Tensile Elongation at Break | % | ISO527 (ASTM D-638) | 500 |
| 洛氏硬度 Rockwell Hardness | R scale | ISO2039 (ASTM D-785) | 80 |
| 剛性係數 Flexural Modulus | Kg/cm ² (MPa) | ISO178 (ASTM D-790) | 5,000 (490) |
| IZOD 衝擊強度 IZOD Impact Strength | Kg.cm/cm Notch (J/m) | ISO 180 (ASTM D-256) | 23°C 10 (98) -20°C --- |
| 收縮率 Mold Shrinkage | % | FPC Method | 1.0-1.2 |
| 濁度 Haze (30μ) | % | FPC Method | < 0.6 |

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 5050R 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 5050R resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Oct 2023