

永嘉烯 YUNGSOX

1024

均聚物 HOMOPOLYMER

用途 Applications

- 吹瓶 Bottles
- 藥水瓶 Liquid medicine bottle
- 滴眼劑瓶 Eye drop bottle

特性 Characteristics

- 正己烷溶出物低 Low n-hexane extract
- 透明性佳 Good transparency
- 高剛性 High stiffness
- 高耐熱性 High heat resistance

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) | 1.8 |
| 密度 Density | g/cm ³ | ISO1183 (ASTM D792) | 0.91 |
| 熔點 Melting Point | °C | DSC | --- |
| 熱變形溫度 Heat Deflection Temperature | °C | ISO75 (ASTM D-648) | 122 |
| 軟化點溫度 Vicat Softening Temperature | °C | ISO306 | 155 |
| 降伏點拉力強度 Tensile Strength at Yield | Kg/cm ² (MPa) | ISO527 (ASTM D-638) | 400 (39) |
| 斷裂點伸長率 Tensile Elongation at Break | % | ISO527 (ASTM D-638) | 200 |
| 洛氏硬度 Rockwell Hardness | R scale | ISO2039 (ASTM D-785) | 110 |
| 剛性係數 Flexural Modulus | Kg/cm ² (MPa) | ISO178 (ASTM D-790) | 16,000 (1569) |
| IZOD 衝擊強度 IZOD Impact Strength | Kg.cm/cm Notch (J/m) | ISO 180 (ASTM D-256) | 23°C 6 (59) -20°C --- |
| 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 1024 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 1024 resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

USP 生物試驗 USP Biological Reactivity Tests

永嘉烯1024通過美國藥典塑膠第六級試驗。

Yungsox 1024 resin meets the requirements of USP Plastic Class VI.

Oct 2023