

永嘉烯 YUNGSOX

1080

均聚物 HOMOPOLYMER

用途 Applications

- 通用級 General purpose
- 食品容器 Food containers
- 電器用品 Electrical appliances
- 家庭用品 Housewares

特性 Characteristics

- 耐熱性佳 Good heat resistance
- 剛性佳 Good stiffness

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 | 10 | |
| 密度 Density | g/cm ³ | ISO1183 | 0.90 | |
| 熔點 Melting Point | °C | DSC | --- | |
| 熱變形溫度 Heat Deflection Temperature | °C | ISO75 | 115 | |
| 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 | ISO527 | 350 | |
| 斷裂點伸長率 Tensile Elongation at Break | % | ISO527 | 500 | |
| 洛氏硬度 Rockwell Hardness | R scale | ISO2039 | 107 | |
| 剛性係數 Flexural Modulus | Kg/cm ² | ISO178 | 14,000 | |
| IZOD 衝擊強度 IZOD Impact Strength | Kg.cm/cm notch | ISO 180 | 23°C | 4.5 |
| | | | -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 1080 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 1080 resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

UL認證 UL Certification

永嘉烯1080通過美國UL 94HB 認證，UL 檔案編號:E216959。

Yungsox 1080 is certificated with UL 94HB, UL file no.: E216959.

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