

## 永嘉烯 YUNGSOX

# 1350R

均聚物 HOMOPOLYMER

### 用途 Applications

- 實驗室耗材 Labware
- 醫療器材 Medical Device

### 特性 Characteristics

- 適用於  $\gamma$ -ray 消毒 Anti  $\gamma$ -ray
- 高流動性 High fluidity
- 光澤性佳 Good luster
- 低翹曲 Low warpage

### 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)	38
密度 Density	g/cm <sup>3</sup>	ISO1183 (ASTM D792)	0.90
熱變形溫度 Heat Deflection Temperature	°C	DSC	125
軟化點溫度 Vicat Softening Temperature	°C	ISO75 (ASTM D-648)	150
降伏點拉力強度 Tensile Strength at Yield	Kg/cm <sup>2</sup> (MPa)	ISO306	350 (34)
斷裂點伸長率 Tensile Elongation at Break	%	ISO527 (ASTM D-638)	500
洛氏硬度 Rockwell Hardness	R scale	ISO527 (ASTM D-638)	108
剛性係數 Flexural Modulus	Kg/cm <sup>2</sup> (MPa)	ISO2039 (ASTM D-785)	15,000 (1471)
IZOD 衝擊強度 IZOD Impact Strength	Kg.cm/cm Notch (J/m)	ISO178 23°C	4.0
		(ASTM D-790) -20°C	(39) ---
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 1350R 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 1350R 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 1350R 通過美國藥典塑膠第六級試驗。

Yungsox 1350R resin meets the requirements of USP Plastic Class VI.

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