

## 永嘉烯 YUNGSOX

# 1900D

均聚物 HOMOPOLYMER

### 用途 Applications

- 高速薄壁射出成型品 High speed thin walled injection molding products
- 濾材 Filtration media

### 特性 Characteristics

- 超高流動性 Superhigh fluidity
- 成型時間短 Fast cycling
- 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)	120
密度 Density	g/cm <sup>3</sup>	ISO1183 (ASTM D792)	0.90
熔點 Melting Point	°C	DSC	---
熱變形溫度 Heat Deflection Temperature	°C	ISO75 (ASTM D-648)	115
軟化點溫度 Vicat Softening Temperature	°C	ISO306	153
降伏點拉力強度 Tensile Strength at Yield	Kg/cm <sup>2</sup> (MPa)	ISO527 (ASTM D-638)	370 (36)
斷裂點伸長率 Tensile Elongation at Break	%	ISO527 (ASTM D-638)	50
洛氏硬度 Rockwell Hardness	R scale	ISO2039 (ASTM D-785)	108
剛性係數 Flexural Modulus	Kg/cm <sup>2</sup> (MPa)	ISO178 (ASTM D-790)	15,000 (1471)
IZOD 衝擊強度 IZOD Impact Strength	Kg.cm/cm Notch (J/m)	ISO 180 (ASTM D-256)	23°C 2.5 (25) -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 1900D 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 1900D resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

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