

永嘉烯 YUNGSOX

1100

均聚物 HOMOPOLYMER

用途 Applications

- 光學級 Optical purpose
- 電器用品 Electrical appliances

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 (ASTM D-1238)	11
密度 Density	g/cm ³	ISO1183 (ASTM D792)	0.90
熱變形溫度 Heat Deflection Temperature	°C	DSC	115
軟化點溫度 Vicat Softening Temperature	°C	ISO75 (ASTM D-648)	155
降伏點拉力強度 Tensile Strength at Yield	°C	ISO306	380 (37)
斷裂點伸長率 Tensile Elongation at Break	Kg/cm ² (MPa)	ISO527 (ASTM D-638)	500
洛氏硬度 Rockwell Hardness	%	ISO527 (ASTM D-638)	107
剛性係數 Flexural Modulus	R scale	ISO2039 (ASTM D-785)	14,500 (1422)
IZOD 衝擊強度 IZOD Impact Strength	Kg/cm ² (MPa)	ISO178 (ASTM D-790)	23°C 3.5 (34) -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 1100 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 1100 resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.