

永嘉烯 YUNGSOX

1120

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

- 耐熱性優 Excellent heat resistance
- 高剛性 High 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)	15
密度 Density	g/cm ³	ISO1183 (ASTM D792)	0.90
熔點 Melting Point	°C	DSC	---
熱變形溫度 Heat Deflection Temperature	°C	ISO75 (ASTM D-648)	120
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)	450 (44)
斷裂點伸長率 Tensile Elongation at Break	%	ISO527 (ASTM D-638)	100
洛氏硬度 Rockwell Hardness	R scale	ISO2039 (ASTM D-785)	111
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 3.0 (29) -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 1120 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 1120 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 1120 通過美國 UL 94HB 認證，UL 檔案編號: E216959。

Yungsox 1120 is certificated with UL 94HB, UL file no.: E216959.

JHOSPA-PL 認證 JHOSPA-PL Certification

永嘉烯 1120 通過日本 JHOSPA-PL 認證。

Yungsox 1120 resin meets the requirements of JHOSPA-PL Certification.

