

永嘉烯 YUNGSOX

HS9020

高熔體強度聚丙烯 High Melt Strength Polypropylene

用途 Applications

- 押出發泡 Foam extrusion
- 熱成型 Thermoforming

特性 Characteristics

- 提升熔體強度 Raising melt strength
- 高剛性 High flexural modulus
- 高結晶溫度 High crystallization point

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)	1.6
密度 Density	g/cm ³	ISO1183 (ASTM D792)	0.90
熔點 Melting Point	°C	ISO11357	165
結晶點 Crystallization Point	°C	ISO11357	125
熱變形溫度 Heat Deflection Temperature	°C	ISO75 (ASTM D-648)	132
軟化點溫度 Vicat Softening Temperature	°C	ISO306	153
降伏點拉力強度 Tensile Strength at Yield	Kg/cm ² (MPa)	ISO527 (ASTM D-638)	400 (39)
斷裂點伸長率 Tensile Elongation at Break	%	ISO527 (ASTM D-638)	12
洛氏硬度 Rockwell Hardness	R scale	ISO2039 (ASTM D-785)	100
剛性係數 Flexural Modulus	Kg/cm ² (MPa)	ISO178 (ASTM D-790)	20,000 (1961)
IZOD 衝擊強度 IZOD Impact Strength	Kg.cm/cm Notch (J/m)	ISO 180 (ASTM D-256)	23°C -20°C 3.0 (29) ---
收縮率 Mold Shrinkage	%	FPC Method	2.1 ~ 2.5
熔體強度 Melt Strength	cN	ISO16790	30

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.

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