



YUNGSOX

1020

POLYPROPYLENE HOMOPOLYMER

Applications

Portfolio, Strapping, Blow molding

Characteristics

- Excellent ESCR
- Excellent tensile strength
- Good heat resistance

Typical Properties

Item	Unit	Test Method	Typical Value	
Melt Index	g/10min	ISO 1133	1.7	
Density	g/cm ³	ISO 1183	0.9	
Heat Deflection Temperature	°C	ISO 75	115	
Vicat Softening Temperature	°C	ISO 306	150	
Tensile Yield Strength	Kg/cm ²	ISO 527	350	
Ultimate Elongation	%	ISO 527	400	
Rockwell Hardness	R scale	ISO 2039	105	
Flexural Modulus	Kg/cm ²	ISO 178	14,000	
IZOD Impact Strength	Kg.cm/cm notch	ISO 180	23 °C	7
			-20 °C	---
Mold Shrinkage	%	YCCI method	0.8-1.8	
Flammability File No. E216959	Class	UL94	---	
FDA Compliance			yes	

The details given in this data sheet are our standard value but not specification guaranteed.

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