

YUNGSOX® PP 1020L

Polypropylene Homopolymer

Formosa Polypropylene

Message:

YUNGSOX® PP 1020L is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 1020L are:

High Strength

Homopolymer

Typical applications include:

Bottles

Food Contact Applications

Sheet

Straps/Ropes

General Information			
Features	High Tensile Strength		
	Homopolymer		
Uses	Bottles		
	Profiles		
	Sheet		
	Strapping		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.7	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	105		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	34.3	MPa	ISO 527-2
Tensile Strain (Break)	400	%	ISO 527-2
Flexural Modulus	1320	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	115	°C	ISO 75-2/A
Vicat Softening Temperature	152	°C	ISO 306

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Recommended distributors for this material

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