

YUNGSOX® PP 1020

Polypropylene Homopolymer

Formosa Polypropylene

Message:

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

Important attributes of YUNGSOX® PP 1020 are:

Food Contact Acceptable

High Strength

Homopolymer

Typical applications include:

Bottles

Food Contact Applications

Sheet

Straps/Ropes

General Information			
Features	Food Contact Acceptable		
	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)	2.0	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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