

# YUNGSOX® PP 2020

Polypropylene Homopolymer  
Formosa Polypropylene

Message:

YUNGSOX® PP 2020 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 2020 are:

- Clarity
- Fast Molding Cycle
- Good Aesthetics
- Good Processability
- Homopolymer
- Typical applications include:
  - Adhesives/Tapes
  - Film
  - Food Contact Applications
  - Packaging

General Information			
Features	Fast Molding Cycle		
	Good Processability		
	Good Surface Finish		
	High Clarity		
	Homopolymer		
Uses	Bi-axially Oriented Film		
	Food Packaging		
	Tape		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	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)	600	%	ISO 527-2
Flexural Modulus	1230	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ISO 180
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	113	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306
Melting Temperature	162	°C	DSC
Optical	Nominal Value	Unit	Test Method
Haze (30.0 μm)	< 0.12	%	Internal Method

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#### Recommended distributors for this material

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