

YUNGSOX® PP 5020

Polypropylene Random Copolymer
Formosa Polypropylene

Message:

YUNGSOX® PP 5020 is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific.
Important attributes of YUNGSOX® PP 5020 are:
Copolymer
Good Sealability
Typical applications include:
Film
Food Contact Applications
Wrap

General Information			
Features	Low Temperature Heat Sealability		
	Random Copolymer		
	Soft		
Uses	Film		
	Shrink Wrap		
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)	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)	85		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	19.6	MPa	ISO 527-2
Tensile Strain (Break)	500	%	ISO 527-2
Flexural Modulus	588	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	150	J/m	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	80.0	°C	ISO 75-2/A
Vicat Softening Temperature	110	°C	ISO 306
Melting Temperature	135	°C	DSC
Optical	Nominal Value	Unit	Test Method
Haze (30.0 µm)	< 1.0	%	Internal Method

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Recommended distributors for this material

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