

YUNGSOX® PP 5018

Polypropylene Random Copolymer
Formosa Polypropylene

Message:

YUNGSOX® PP 5018 is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific.
Important attributes of YUNGSOX® PP 5018 are:
Chemical Resistant
Copolymer
Food Contact Acceptable
Typical applications include:
Bottles
Food Contact Applications
Medical/Healthcare

General Information			
Features	Food Contact Acceptable		
	Good Chemical Resistance		
	Random Copolymer		
Uses	Blow Molding Applications		
	Bottles		
Agency Ratings	FDA 21 CFR 177.1520		
	USP Class VI		
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)	95		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	27.5	MPa	ISO 527-2
Tensile Strain (Break)	500	%	ISO 527-2
Flexural Modulus	883	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)	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	130	°C	ISO 306

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Recommended distributors for this material

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