

YUNGSOX® PP 1050

Polypropylene Homopolymer

Formosa Polypropylene

Message:

YUNGSOX® PP 1050 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 1050 are:

Good Processability

High Strength

Homopolymer

Typical applications include:

Food Contact Applications

Kitchenware

General Information			
Features	Good Processability		
	High Tensile Strength		
	Homopolymer		
Uses	Drinking Straws		
	Profiles		
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)	5.0	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)	550	%	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

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