

YUNGSOX® PP 1080

Polypropylene Homopolymer

Formosa Polypropylene

Message:

YUNGSOX® PP 1080 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 1080 are:

Flame Rated

Good Stiffness

Heat Resistant

Homopolymer

Typical applications include:

Appliances

Containers

Food Contact Applications

Household Applications

General Information			
UL YellowCard	E216959-229351		
Features	Good Stiffness		
	High Heat Resistance		
	Homopolymer		
Uses	Appliances		
	Food Containers		
	General Purpose		
	Household Goods		
Agency Ratings	FDA 21 CFR 177.1520		
UL File Number	E216959		
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)	10	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	34.3	MPa	ISO 527-2
Tensile Strain (Break)	500	%	ISO 527-2
Flexural Modulus	1370	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	44	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	155	°C	ISO 306
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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