

# YUNGSOX® PP 1040

Polypropylene Homopolymer

Formosa Polypropylene

## Message:

YUNGSOX® PP 1040 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 1040 are:

Flame Rated

Good Stiffness

Heat Resistant

Homopolymer

Typical applications include:

Appliances

Consumer Goods

Food Contact Applications

Household Applications

General Information			
UL YellowCard	E216959-229350		
Features	Good Stiffness		
	High Heat Resistance		
	Homopolymer		
Uses	Appliances		
	General Purpose		
	Household Goods		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
UL File Number	E216959		
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)	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	1370	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)	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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#### Recommended distributors for this material

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