

YUNGSOX® PP 3504

Polypropylene Impact Copolymer

Formosa Polypropylene

Message:

YUNGSOX® PP 3504 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 3504 are:

Copolymer

Heat Resistant

High Stiffness

Impact Resistant

Typical applications include:

Appliances

Automotive

Containers

Engineering/Industrial Parts

Food Contact Applications

General Information			
Features	Good Flow		
	High Heat Resistance		
	High Stiffness		
	Impact Copolymer		
	Medium Impact Resistance		
Uses	Appliances		
	Automotive Applications		
	Containers		
	Thin-walled Parts		
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)	55	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	26.5	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Flexural Modulus	1180	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180

-20°C	25	J/m	
23°C	83	J/m	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	125	°C	ISO 75-2/A
Vicat Softening Temperature	155	°C	ISO 306

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