

YUNGSOX® PP 4204

Polypropylene Impact Copolymer

Formosa Polypropylene

Message:

YUNGSOX® PP 4204 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 4204 are:

Impact Resistant

Copolymer

High Flow

Typical applications include:

Automotive

Containers

Food Contact Applications

General Information			
Features	High Flow		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Automotive Applications		
	Automotive Bumper		
	Industrial Containers		
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)	19	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	92		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.6	MPa	ISO 527-2
Tensile Strain (Break)	550	%	ISO 527-2
Flexural Modulus	834	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	98	J/m	
23°C	390	J/m	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature (1.8 MPa, Unannealed)	100	°C	ISO 75-2/A
Vicat Softening Temperature	135	°C	ISO 306

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