

# YUNGSOX® PP 3084

Polypropylene Impact Copolymer

Formosa Polypropylene

## Message:

YUNGSOX® PP 3084 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 3084 are:

Flame Rated

Copolymer

Heat Resistant

High Stiffness

Impact Resistant

Typical applications include:

Appliances

Automotive

Food Contact Applications

Furniture

Housings

General Information			
UL YellowCard	E216959-229356		
Features	High Heat Resistance		
	High Stiffness		
	Impact Copolymer		
	Medium Impact Resistance		
Uses	Appliances		
	Automotive Applications		
	Battery Cases		
	Furniture		
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)	8.5	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)	28.4	MPa	ISO 527-2
Tensile Strain (Break)	200	%	ISO 527-2
Flexural Modulus	1370	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	44	J/m	
23°C	98	J/m	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	130	°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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