

YUNGSOX® PP 3015W

Polypropylene Impact Copolymer

Formosa Polypropylene

Message:

YUNGSOX® PP 3015W is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 3015W are:

- Copolymer
- Food Contact Acceptable
- Impact Resistant
- Low Temperature Resistant
- Typical applications include:
 - Containers
 - Consumer Goods
 - Food Contact Applications
 - Sporting Goods

General Information			
Features	Food Contact Acceptable		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Resistant		
	Stress Whitening Resistant		
Uses	Industrial Containers		
	Luggage		
	Pails		
	Sporting Goods		
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)	2.0	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	25.5	MPa	ISO 527-2
Tensile Strain (Break)	500	%	ISO 527-2
Flexural Modulus	1030	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	130	J/m	

23°C	540	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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Recommended distributors for this material

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