

YUNGSOX® PP 3003

Polypropylene Impact Copolymer

Formosa Polypropylene

Message:

YUNGSOX® PP 3003 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 3003 are:

- Copolymer
- Food Contact Acceptable
- Impact Resistant
- Low Temperature Resistant
- Typical applications include:
 - Food Contact Applications
 - Plumbing/Piping/Potable Water Sheet

General Information			
Features	Food Contact Acceptable		
	Good Melt Strength		
	High Impact Resistance		
	Impact Copolymer		
	Low Temperature Resistant		
Uses	Blow Molding Applications		
	Piping		
	Sheet		
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)	0.35	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	24.5	MPa	ISO 527-2
Tensile Strain (Break)	500	%	ISO 527-2
Flexural Modulus	1230	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ISO 180
-20°C	16	J/m	
23°C	780	J/m	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	105	°C	ISO 75-2/A
Vicat Softening Temperature	150	°C	ISO 306

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

