

YUNGSOX® PP 1005

Polypropylene Homopolymer

Formosa Polypropylene

Message:

YUNGSOX® PP 1005 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for blow molding, pipe extrusion, or thermoforming. Primary attribute of YUNGSOX® PP 1005: Homopolymer.

Typical applications include:

Food Contact Applications

Plumbing/Piping/Potable Water

Sheet

General Information	
Features	Good Drawdown
	Good Melt Strength
	Homopolymer
Uses	Blow Molding Applications
	Piping
	Sheet
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Blow Molding
	Pipe Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	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)	34.3	MPa	ISO 527-2
Tensile Strain (Break)	300	%	ISO 527-2
Flexural Modulus	1320	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	88	J/m	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	115	°C	ISO 75-2/A

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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



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