

YUNGSOX® PP 1124

Polypropylene Homopolymer
Formosa Polypropylene

Message:

YUNGSOX® PP 1124 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific.

Important attributes of YUNGSOX® PP 1124 are:

- Good Aesthetics
 - Heat Resistant
 - High Stiffness
 - Homopolymer
 - Wear Resistant
- Typical applications include:
- Appliances
 - Containers
 - Food Contact Applications
 - Household Applications

General Information			
Features	Good Abrasion Resistance		
	Good Surface Finish		
	High Heat Resistance		
	High Stiffness		
	Homopolymer		
Uses	Appliances		
	Food Containers		
	Household Goods		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	48.1	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	2160	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	29	J/m	ISO 180
Thermal	Nominal Value	Unit	Test Method


Heat Deflection Temperature (1.8 MPa, Unannealed)	135	°C	ISO 75-2/A
Vicat Softening Temperature	157	°C	ISO 306

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Recommended distributors for this material

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