

YUNGSOX® PP 1124H

Polypropylene Homopolymer
Formosa Polypropylene

Message:

YUNGSOX® PP 1124H is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific.
Important attributes of YUNGSOX® PP 1124H are:
Flame Rated
Heat Resistant
Food Contact Acceptable
Good Aesthetics
High Stiffness
Typical applications include:
Appliances
Containers
Food Contact Applications
Household Applications

General Information			
UL YellowCard	E216959-464616		
Features	Food Contact Acceptable		
	Good Abrasion Resistance		
	Good Heat Aging Resistance		
	Good Surface Finish		
	High Heat Resistance		
	High Stiffness		
Uses	Homopolymer		
	Appliances		
	Containers		
	Household Goods		
Agency Ratings	FDA 21 CFR 177.1520		
UL File Number	E216959		
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
RTI Elec	125	°C	UL 746
RTI Imp	125	°C	UL 746
RTI Str	125	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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