

Egyeuroptene PP 9003

Polypropylene Homopolymer

Egyptian European Company

Message:

Egyeuroptene PP 9003 Improved Polypropylene, Homopolymer. Is a medium flow homopolymer with a conventional molecular weight distribution and is formulated with a general-purpose additive package. PP 9003 is designed for the production of films that can be converted into stretched tapes for weaving applications.

Additional properties: suitable for the production of articles for food contact use. all other components used in the formulation meet the relevant fda requirements should not be assumed for other variants and should be investigated with the appropriate supply source.

General Information			
Features	Food Contact Acceptable		
	General Purpose		
	Homopolymer		
	Medium Flow		
Uses	Film		
	Food Service Applications		
	Non-specific Food Applications		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	73		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	33.0	MPa	ISO 527-2/1
Flexural Modulus	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.0	kJ/m ²	ISO 180/1A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	82.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	51.0	°C	ISO 75-2/A
Vicat Softening Temperature	155	°C	ISO 306/A50

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