

ExxonMobil PP9513 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Product Description: A random copolymer resin designed for non-oriented film. Availability: North America Features: Controlled

Rheology Ethylene Oxide Sterilizable Uses: Bags Cast Film Heavy-duty Bags Packaging Processing Method: Cast Film Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-PP9513-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ExxonMobil Method
Melt Flow	7.3 g/10 min	7.3 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.6 MPa	3720 psi	2.0 in/min; ASTM D638
Elongation at Yield	13 %	13 %	2.0 in/min; ASTM D638
Flexural Modulus, 1% Secant	896 MPa	130000 psi	0.05 in/min; ASTM D790A
	1050 MPa	153000 psi	0.5 in/min; ASTM D790B
Izod Impact, Notched	0.513 J/cm	0.960 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	72.2 °C	162 °F	ASTM D648

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