

ExxonMobil PP9574E6 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Product Description: A highly clarified random copolymer resin designed for general purpose injection molding applications requiring resistance to build up of static electricity. **Availability:** North America **Features:** Antistatic Controlled Rheology Ethylene Oxide Sterilizable High Clarity **Uses:** Caps Closures Medical/Healthcare Applications Packaging Rigid Packaging **Processing Method:** Injection Molding **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-PP9574E6-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ExxonMobil Method
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 °C	12 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.5 MPa	4140 psi	2.0 in/min; ASTM D638
Elongation at Yield	13 %	13 %	2.0 in/min; ASTM D638
Flexural Modulus, 1% Secant	122 MPa	17700 psi	0.5 in/min; ASTM D790B
	993 MPa	144000 psi	0.05 in/min; ASTM D790A
Izod Impact, Notched	0.854 J/cm	1.60 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	76.1 °C	169 °F	ASTM D648

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