

ExxonMobil PP6262 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Product Description: A clarified homopolymer resin designed for production of extruded sheet and thermoformed containers. It exhibits excellent processing characteristics even in deep drawn applications.
Availability: North America
Features: Autoclave Sterilizable Ethylene Oxide Sterilizable Low Emissions Steam Sterilizable
Uses: Cups Packaging Rigid Packaging
Processing Method: Blow Molding, Extrusion, Extrusion Blow Molding, Injection Blow Molding, Profile Extrusion, Sheet Extrusion and Thermoforming
 Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-PP6262-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ExxonMobil Method
Melt Flow	2.8 g/10 min @Load 2.16 kg, Temperature 230 °C	2.8 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.8 MPa	5340 psi	2.0 in/min; ASTM D638
Elongation at Yield	9.0 %	9.0 %	2.0 in/min; ASTM D638
Flexural Modulus, 1% Secant	1710 MPa	248000 psi	0.05 in/min; ASTM D790A
	1940 MPa	281000 psi	0.5 in/min; ASTM D790B
Izod Impact, Notched	0.497 J/cm	0.930 ft-lb/in	ASTM D256A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648

Optical Properties	Metric	English	Comments
Haze	15 %	15 %	ASTM D1003

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