

ExxonMobil PP8244E1 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Product Description: A high crystallinity, high impact copolymer resin designed for injection molded applications requiring excellent processing attributes.
Availability: North America
Features: Balanced Stiffness/Toughness Good Heat Aging Resistance Good Impact Resistance Good Processability Medium Molecular Weight Nucleated
Processing Method: Blow Molding, Compound and Injection Molding
 Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-PP8244E1-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ExxonMobil Method
Melt Flow	16 g/10 min @Load 2.16 kg, Temperature 230 °C	16 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	19.2 MPa	2780 psi	2.0 in/min; ASTM D638
Elongation at Yield	7.0 %	7.0 %	2.0 in/min; ASTM D638
Flexural Modulus, 1% Secant	938 MPa	136000 psi	0.05 in/min; ASTM D790A
	1080 MPa	156000 psi	0.5 in/min; ASTM D790B
Izod Impact, Notched	NB	NB	ASTM D256A
Impact Test	39.7 J @Thickness 3.17 mm, Temperature -28.9 °C	29.3 ft-lb @Thickness 0.125 in, Temperature -20.0 °F	ASTM D3763
	46.4 J @Thickness 3.17 mm, Temperature -40.0 °C	34.2 ft-lb @Thickness 0.125 in, Temperature -40.0 °F	ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.2 °C	189 °F	ASTM D648

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China