

ExxonMobil PP1055E2 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Product Description: A nucleated homopolymer resin with good flowability and antistatic properties. It is designed for molding of media packaging, containers and other articles requiring fast molding cycles.
Availability: Africa & Middle East and Europe
Features: AntistaticFast
Molding Cycle: Nucleated
Uses: CapsClosuresConsumer ApplicationsContainersLidsRigid Packaging
Processing Method: Injection Molding
 and Compounding
 Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-PP1055E2-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ExxonMobil Method
Melt Flow	53 g/10 min @Load 2.16 kg, Temperature 230 °C	53 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	ISO 868
Tensile Strength, Yield	35.0 MPa	5080 psi	ISO 527-2/50
Elongation at Yield	8.0 %	8.0 %	ISO 527-2/50
Tensile Modulus	1.65 GPa	239 ksi	ISO527-2/1
Flexural Modulus	1.50 GPa	218 ksi	ISO 178
Izod Impact, Notched (ISO)	1.49 kJ/m ²	0.710 ft-lb/in ²	ISO 180/1A
Charpy Impact, Notched	0.199 J/cm ²	0.950 ft-lb/in ²	ISO 179/1eA

Thermal Properties	Metric	English	Comments
Melting Point	324 °C	615 °F	ISO 3146
Crystallization Temperature	253 °C	487 °F	ISO 3146
Deflection Temperature at 1.8 MPa (264 psi)	56.1 °C	133 °F	ISO 75-2/A
Vicat Softening Point	153 °C	307 °F	ISO 306/A50

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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