

Global PP-100 General Purpose Polypropylene Homopolymer, Controlled Rheology

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-PP-100-General-Purpose-Polypropylene-Homopolymer-Controlled-Rheology.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D1505
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	108	108	ASTM D785
Tensile Strength, Yield	31.7 MPa	4600 psi	Type 1 Specimen, Rate: 2"/min; ASTM D638
Flexural Modulus	1.52 GPa	220 ksi	Tangent; Rate 0.5"/min; ASTM D790
Izod Impact, Notched	0.214 J/cm	0.400 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	104 °C	220 °F	Unannealed; ASTM D648

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