

Diamond Polymers NPP25-0802 GF20 20% Glass Filled Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 20% Glass Fiber Filler

Material Notes:

Information Provided by Diamond Polymers, Inc. & Network Polymers, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Diamond-Polymers-NPP25-0802-GF20-20-Glass-Filled-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.01 g/cc	0.0365 lb/in ³	ASTM D792
Melt Flow	8.0 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238
Ash	18 - 22 %	18 - 22 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	58.6 MPa	8500 psi	chs 2.0 in/min; ASTM D638
Elongation at Break	4.7 %	4.7 %	chs 2.0 in/min; ASTM D638
Flexural Modulus	2.963 GPa	429.7 ksi	chs 0.05 in/min; ASTM D790
Izod Impact, Notched	1.335 J/cm @Thickness 3.17 mm	2.501 ft-lb/in @Thickness 0.125 in	ASTM D256

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