

Diamond Polymers NPP25-0715CF20 20% Conductive Filler Copolymer Polypropylene

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

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-NPP25-0715CF20-20-Conductive-Filler-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.00 g/cc	0.0361 lb/in ³	ASTM D792
Filler Content	20 %	20 %	ASTM D5630
Melt Flow	7.0 g/10 min @Load 10.0 kg, Temperature 230 °C	7.0 g/10 min @Load 22.0 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	21.0 MPa	3050 psi	chs 2.0 in/min; ASTM D638
Elongation at Yield	100 %	100 %	chs 2.0 in/min; ASTM D638
Flexural Modulus	2.459 GPa	356.6 ksi	chs 0.05 in/min; tangent; ASTM D790
Izod Impact, Notched	8.01 J/cm @Thickness 3.17 mm, Temperature 23.0 °C	15.0 ft-lb/in @Thickness 0.125 in, Temperature 73.4 °F	ASTM D256

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