

Diamond Polymers NPP25-1602 TF40 40% Talc Filled Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 40% Talc 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-NPP25-1602-TF40-40-Talc-Filled-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ASTM D792
Filler Content	40 %	40 %	Talc; ASTM D2584
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	30.3 MPa	4390 psi	chs 2.0 in/min; tangent; ASTM D638
Flexural Modulus	3.312 GPa	480.4 ksi	chs 0.05 in/min; tangent; ASTM D790
Izod Impact, Notched	0.690 J/cm @Temperature 23.0 °C	1.29 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	127 °C	261 °F	ASTM D648

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