

Diamond Polymers NPP25-1001 TF20 20% Talc Filled Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 20% 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-NPP25-1001-TF20-20-Talc-Filled-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792
Melt Flow	10 g/10 min @Load 2.16 kg, Temperature 230 °C	10 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, Yield	28.0 MPa	4060 psi	chs 2.0 in/min; ASTM D638
Elongation at Yield	9.0 %	9.0 %	chs 2.0 in/min; ASTM D638
Tensile Modulus	1.723 GPa	249.9 ksi	chs 2.0 in/min; ASTM D638
Flexural Strength	39.3 MPa	5700 psi	chs 0.05 in/min; ASTM D790
Flexural Modulus	1.757 GPa	254.8 ksi	chs 0.05 in/min; ASTM D790
Izod Impact, Notched	0.590 J/cm @Thickness 3.17 mm	1.11 ft-lb/in @Thickness 0.125 in	ASTM D256
Dart Drop, Total Energy	5.20 J	3.84 ft-lb	ASTM D5420

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