

Diamond Polymers NPP25-1202 TF20 20% Talc Filled Copolymer Polypropylene, Impact Modified, High Heat, High Stiffness with UV and Paintable Versions

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 20% Talc Filler , Polypropylene, Impact Modified; Molded/Extruded

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-NPP25-1202-TF20-20-Talc-Filled-Copolymer-Polypropylene-Impact-Modified-High-Heat-High-Stiffness-with-UV-and-Paintable-Versions.php

Physical Properties	Metric	English	Comments
Density	1.06 g/cc	0.0383 lb/in ³	ASTM D792
Melt Flow	13 g/10 min @Load 2.16 kg, Temperature 230 °C	13 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238
Ash	20 - 24 %	20 - 24 %	ASTM D5630

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.0 MPa	3340 psi	chs 2.0 in/min; ASTM D638
Elongation at Yield	6.3 %	6.3 %	chs 2.0 in/min; ASTM D638
Flexural Modulus	1.541 GPa	223.5 ksi	ASTM D790
Izod Impact, Notched	1.79 J/cm @Thickness 3.17 mm	3.35 ft-lb/in @Thickness 0.125 in	ASTM D256

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