

Diamond Polymers NPP25-1503 GF25 25% Glass Filled Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 20% Glass Fiber Filler , Polypropylene with 30% 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-NPP25-1503-GF25-25-Glass-Filled-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	1.11 g/cc	0.0401 lb/in ³	ASTM D792
Melt Flow	14.4 g/10 min @Load 2.16 kg, Temperature 230 °C	14.4 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	61.0 MPa	8850 psi	chs 0.2 in/min; ASTM D638
Elongation at Yield	9.4 %	9.4 %	chs 0.2 in/min; ASTM D638
Flexural Strength	94.0 MPa	13600 psi	ASTM D790
Flexural Modulus	3.918 GPa	568.3 ksi	ASTM D790
Izod Impact, Notched	1.602 J/cm @Thickness 3.17 mm	3.001 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	135 °C	275 °F	0.125";, ASTM D648

Descriptive Properties	Value	Comments
Glass Content (%)	25	ASTM D2584

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China