

Diamond Polymers NPP25-1503 GF10 Glass Filled Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene with 10% 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-GF10-Glass-Filled-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.945 g/cc	0.0341 lb/in ³	ASTM D792
Melt Flow	14 g/10 min	14 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	33.0 MPa	4790 psi	chs 2.0 in/min; ASTM D638
Elongation at Yield	8.7 %	8.7 %	chs 2.0 in/min; ASTM D638
Flexural Modulus	1.685 GPa	244.4 ksi	ASTM D790
Izod Impact, Notched	1.549 J/cm	2.902 ft-lb/in	ASTM D256
	@Thickness 3.17 mm	@Thickness 0.125 in	
Gardner Impact	1.90 J	1.40 ft-lb	
	@Temperature -20.0 °C	@Temperature -4.00 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	146 °C	295 °F	0.125";, ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	91.0 °C	196 °F	0.125";, ASTM D648

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