

Network Polymers NPP 25-1503 G10

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass Reinforced, Impact Modified

Material Notes:

Description: Glass Reinforced Polypropylene Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-NPP-25-1503-G10.php

Physical Properties	Metric	English	Comments
Density	0.970 g/cc	0.0350 lb/in ³	ASTM D792
Melt Flow	15 g/10 min @Load 2.16 kg, Temperature 230 °C	15 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.8 MPa	4750 psi	2 in per min; ASTM D638
Flexural Modulus	1.65 GPa	240 ksi	Test Method I, Procedure B (chs speed 0.05 in/min); ASTM D790
Izod Impact, Notched	1.60 J/cm	3.00 ft-lb/in	Test Method A (0.125 in bar); ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 °C	275 °F	ASTM D648

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