

Network Polymers NPP 30-2000 TF40

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

Material Notes:

Description: 40% Talc Filled Homopolymer Polypropylene Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-NPP-30-2000-TF40.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	ASTM D792
Melt Flow	20 g/10 min	20 g/10 min	Procedure A Condition L; ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	97	97	ASTM D785
Tensile Strength, Yield	33.8 MPa	4900 psi	2 in per min, tangent; ASTM D638
Flexural Modulus	2.76 GPa	400 ksi	Test Method I, Procedure B (chs speed 0.05 in/min), Tangent; ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	ASTM D256
Izod Impact, Unnotched	2.40 J/cm	4.50 ft-lb/in	ASTM D256
Gardner Impact	0.569 J	0.420 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	138 °C	280 °F	ASTM D648

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