

Diamond Polymers NPP25-0116 Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

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-NPP25-0116-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	0.80 g/10 min	0.80 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	24.8 MPa	3600 psi	chs 2.0 in/min; ASTM D638
Elongation at Yield	10 %	10 %	chs 2.0 in/min; ASTM D638
Flexural Modulus	1.102 GPa	159.8 ksi	ASTM D790
Izod Impact, Notched	3.71 J/cm	6.95 ft-lb/in	Charpy Impact Strength, notched; ASTM D256
	8.54 J/cm @Thickness 3.17 mm	16.0 ft-lb/in @Thickness 0.125 in	ASTM D256

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