

Network Polymers NPP 30-0400

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

Material Notes:

Description: Homopolymer Polypropylene Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-NPP-30-0400.php

Physical Properties	Metric	English	Comments
Density	0.904 g/cc	0.0327 lb/in ³	ASTM D792
Melt Flow	4.0 g/10 min @Load 2.16 kg, Temperature 230 °C	4.0 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	99	99	ASTM D785
Tensile Strength, Yield	34.5 MPa	5000 psi	2 in per min; ASTM D638
Elongation at Yield	12 %	12 %	chs 2 in/min; ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	Test Method I, Procedure B (chs speed 0.05 in/min); ASTM D790
Izod Impact, Notched	0.320 J/cm	0.600 ft-lb/in	Test Method A (0.125 in bar); ASTM D256

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