

Network Polymers NPP 25-5001

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

Material Notes:

Description: Copolymer Polypropylene Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-NPP-25-5001.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792
Melt Flow	48 g/10 min @Load 2.16 kg, Temperature 230 °C	48 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	75	75	ASTM D785
Tensile Strength, Yield	25.2 MPa	3650 psi	2 in per min; ASTM D638
Elongation at Yield	19 %	19 %	chs 2 in/min; ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	Test Method I, Procedure B (chs speed 0.05 in/min), Tangent; ASTM D790
Izod Impact, Notched	0.908 J/cm	1.70 ft-lb/in	Test Method A (0.125 in bar); ASTM D256
Gardner Impact	2.49 J @Temperature -30.0 °C	1.83 ft-lb @Temperature -22.0 °F	Gardner

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	99.0 °C	210 °F	ASTM D648

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