

Network Polymers NPP 25-0110

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-25-0110.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792
Melt Flow	0.80 g/10 min @Load 2.16 kg, Temperature 230 °C	0.80 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	22.1 MPa	3200 psi	2 in per min; ASTM D638
Elongation at Yield	15 %	15 %	chs 2 in/min; ASTM D638
Flexural Modulus	0.793 GPa	115 ksi	Test Method I, Procedure B (chs speed 0.05 in/min), Tangent; ASTM D790
Izod Impact, Notched	6.41 J/cm	12.0 ft-lb/in	Test Method A (0.125 in bar); ASTM D256
Gardner Impact	>= 27.1 J @Temperature -18.0 °C	>= 20.0 ft-lb @Temperature -0.400 °F	Gardner

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	85.0 °C	185 °F	ASTM D648

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