

Network Polymers NPP 50-2000

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

Material Notes:

Description: Utility Grade High Density Polyethylene (HDPE) Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-NPP-50-2000.php

Physical Properties	Metric	English	Comments
Density	0.945 - 0.965 g/cc	0.0341 - 0.0349 lb/in ³	ASTM D1505
Melt Flow	6.0 - 27 g/10 min @Load 2.16 kg, Temperature 190 °C	6.0 - 27 g/10 min @Load 4.76 lb, Temperature 374 °F	Procedure A Condition E; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	19.3 - 27.6 MPa	2800 - 4000 psi	ASTM D638
Elongation at Break	5.0 - 400 %	5.0 - 400 %	chs 2 in/min; ASTM D638
Flexural Modulus	0.862 - 1.21 GPa	125 - 175 ksi	Test Method I, Procedure B (chs speed 0.05 in/min); ASTM D790

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