

Network Polymers NPP 11-5026

Category : Polymer , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Injection Molded

Material Notes:

Description: Linear Low Density Polyethylene (LLDP)Information provided by Network Polymers Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Network-Polymers-NPP-11-5026.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	ASTM D792
Melt Flow	50 g/10 min @Load 2.16 kg, Temperature 190 °C	50 g/10 min @Load 4.76 lb, Temperature 374 °F	Procedure A Condition E; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	49 - 55	49 - 55	Instantaneous; ASTM D2240
Tensile Strength at Break	14.5 MPa	2100 psi	ASTM D638
Elongation at Break	170 %	170 %	ASTM D638
Flexural Modulus	0.359 GPa	52.0 ksi	Test Method I, Procedure B (chs speed 0.05 in/min), 1 % Secant; ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-75.0 °C	-103 °F	ASTM D746

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