

Network Polymers NPP 11-3225

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-11-3225.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ASTM D792
Melt Flow	32 g/10 min @Load 2.16 kg, Temperature 190 °C	32 g/10 min @Load 4.76 lb, Temperature 374 °F	Procedure A Condition E; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	52 - 58	52 - 58	Instantaneous; ASTM D2240
Tensile Strength at Break	7.93 MPa	1150 psi	ASTM D638
Elongation at Break	40 %	40 %	ASTM D638
Flexural Modulus	0.345 GPa	50.0 ksi	Test Method I, Procedure B (chs speed 0.05 in/min), 1 % Secant; ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-76.1 °C	-105 °F	ASTM D746

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