

NEO-ZEX™ 0144N

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

NEO-ZEX™ 0144N is a Linear Low Density Polyethylene product. It can be processed by film extrusion and is available in Asia Pacific, Europe, or North America. Typical application: Packaging. Primary characteristic: good processability.

General Information			
Features	Good Processability		
Uses	Packaging		
Processing Method	Film Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.922	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.2	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	> 1000	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, Injection Molded)	55		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	12.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	> 300	%	ISO 527-2
Flexural Modulus (Injection Molded)	220	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	107	°C	ISO 306
Melting Temperature	118	°C	ISO 11357-3

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