

NEO-ZEX™ 45200

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

NEO-ZEX™ 45200 is a Linear Low Density Polyethylene product. It can be processed by injection molding and is available in Asia Pacific, Europe, or North America. Typical application: Caps/Lids/Closures. Primary characteristic: good stiffness.

General Information			
Features	Good Flow		
	Good Stiffness		
Uses	Caps		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.943	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	20	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance	7.00	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	60		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	20.0	MPa	ISO 527-2
Tensile Strain (Break)	290	%	ISO 527-2
Flexural Modulus	650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	5.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	118	°C	ISO 306
Melting Temperature	126	°C	ISO 11357-3

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