

NEO-ZEX™ 2074F

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

NEO-ZEX™2074F is a linear low density polyethylene product. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. The main characteristics are: good rigidity.

General Information			
Features	Rigid, good		
	Good liquidity		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	25	g/10 min	ISO 1133
Environmental Stress-Cracking Resistance (Injection Molded)	1.00	hr	ASTM D1693
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, Injection Molded)	63		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	16.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	120	%	ISO 527-2
Flexural Modulus (Injection Molded)	570	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength (Injection Molded)	6.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	117	°C	ISO 306
Melting Temperature (DSC)	125	°C	ISO 3146
Additional Information			

The value listed as Melting Temperature, ISO 3146, was tested in accordance with ISO 11357-3

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