

MORETEC™ 0168N

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

MORETEC™ 0168N is a Linear Low Density Polyethylene product. It can be processed by blown film and is available in Asia Pacific, Europe, or North America. Applications of MORETEC™ 0168N include coating applications, film and packaging.

Characteristics include:

Good Stiffness

Heat Resistant

General Information			
Features	Good Stiffness		
	High Heat Resistance		
Uses	Film		
	Laminates		
	Packaging		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.935	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)	60		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	490	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	15.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	< 300	%	ISO 527-2
Flexural Modulus (Injection Molded)	490	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	119	°C	ISO 306
Melting Temperature	125	°C	ISO 11357-3

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