

# MORETEC™ 0158N

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

## Message:

MORETEC™ 0158N is a Linear Low Density Polyethylene product. It can be processed by blown film and is available in Asia Pacific, Europe, or North America. Typical application: Packaging.

Characteristics include:

Good Processability

High Strength

General Information			
Features	Good Processability High Strength		
Uses	Packaging		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.3	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 Modulus (Injection Molded)	230	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	11.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	< 300	%	ISO 527-2
Flexural Modulus (Injection Molded)	230	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	260	kJ/m <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	58.0	°C	ISO 306
Melting Temperature	121	°C	ISO 11357-3

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