

MORETEC™ 1018CN

Linear Low Density Polyethylene
Prime Polymer Co., Ltd.

Message:

MORETEC™ 1018CN is a Linear Low Density Polyethylene product. It can be processed by cast film and is available in Asia Pacific, Europe, or North America. Applications of MORETEC™ 1018CN include coating applications and film. Primary characteristic: good sealability.

General Information			
Features	Low Temperature Heat Sealability		
Uses	Film		
	Laminates		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	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)	51		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	7.20	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	< 300	%	ISO 527-2
Flexural Modulus (Injection Molded)	140	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	90.0	°C	ISO 306
Melting Temperature	117	°C	ISO 11357-3

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Recommended distributors for this material

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