

MORETEC™ 0138NK

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

MORETEC™ 0138NK 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™ 0138NK include agricultural, film and wrap.

Characteristics include:

- Clarity
- High Strength

General Information			
Features	High Clarity		
	High Strength		
Uses	Agricultural Applications		
	Film		
	Stretch Wrap		
Processing Method	Blown Film		
Physical	Nominal Value	Unit	Test Method
Density	0.916	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.5	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)	52		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	170	MPa	ISO 527-2
Tensile Stress (Yield, Injection Molded)	9.00	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	< 300	%	ISO 527-2
Flexural Modulus (Injection Molded)	170	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	103	°C	ISO 306
Melting Temperature	117	°C	ISO 11357-3

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