

MORETEC™ 0438CN

Linear Low Density Polyethylene
Prime Polymer Co., Ltd.

Message:

MORETEC™ 0438CN 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™ 0438CN include coating applications and film.

General Information			
Uses	Film		
	Laminates		
Processing Method		Cast 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)	4.0	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)	52		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, Injection Molded)	8.30	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	97.0	°C	ISO 306
Melting Temperature	119	°C	ISO 11357-3

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