

MORETEC™ 0368R

Linear Low Density Polyethylene
Prime Polymer Co., Ltd.

Message:

MORETEC™ 0368R is a Linear Low Density Polyethylene product. It can be processed by injection molding or rotational molding and is available in Asia Pacific, Europe, or North America.

General Information			
Processing Method	Injection Molding		
	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.935	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.4	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)	57		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Injection Molded)	460	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)	460	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	260	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	66.0	°C	ISO 306
Melting Temperature	125	°C	ISO 11357-3

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