

# Evolve™ SP1071C

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

## Message:

Evolve™ SP1071C is a Linear Low Density Polyethylene product. It can be processed by extrusion and is available in Asia Pacific, Europe, or North America.

Typical application: Packaging.

Characteristics include:

Fast Molding Cycle

Good Sealability

General Information			
Features	Fast Molding Cycle		
	Low Temperature Heat Sealability		
Uses	Food Packaging		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm <sup>3</sup>	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 (Break, Injection Molded)	> 15.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	> 500	%	ISO 527-2
Flexural Modulus (Injection Molded)	150	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	87.0	°C	ISO 306
Melting Temperature	112	°C	ISO 11357-3

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## Recommended distributors for this material

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