

Evolve™ SP2530S

Linear Low Density Polyethylene

Prime Polymer Co., Ltd.

Message:

Evolve™ SP2530S 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: Plumbing/Piping/Potable Water. Primary characteristic: good stiffness.

General Information			
Features	Good Stiffness		
Uses	Piping		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.6	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)	56		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, Injection Molded)	18.0	MPa	ISO 527-2
Tensile Strain (Break, Injection Molded)	390	%	ISO 527-2
Flexural Modulus (Injection Molded)	240	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	101	°C	ISO 306
Melting Temperature	122	°C	ISO 11357-3

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