

Marlex® 9346

High Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

Marlex® 9346 is a High Density Polyethylene material. It is available in Latin America or North America for extrusion or pipe extrusion. Primary attribute of Marlex® 9346: Good Toughness.

Typical applications include:

Plumbing/Piping/Potable Water

Industrial Applications

Mining Applications

General Information	
Features	Good Melt Strength Good Strength Low Temperature Toughness
Uses	Industrial Applications Mining Applications Piping
Agency Ratings	ASTM D 3350 PE445574C ASTM D 4976-PE235 NSF 14 NSF 61 PPI PE-4710
Forms	Pellets
Processing Method	Extrusion Pipe Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.948	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	9.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Compression Molded)	> 24.0	MPa	ASTM D638
Tensile Elongation ² (Break, Compression Molded)	800	%	ASTM D638
Flexural Modulus - 2% Secant ³ (Compression Molded)	900	MPa	ASTM D790
Hydrostatic Design Basis			ASTM D2837
23°C	11.0	MPa	

60°C	6.90	MPa	
PENT	> 500	hr	ASTM F1473
NOTE			
1.	Type IV, 51 mm/min		
2.	Type IV, 51 mm/min		
3.	13 mm/min		

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Recommended distributors for this material

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