

Marlex® 9398

High Density Polyethylene

Chevron Phillips Chemical Company LLC

Message:

Marlex® 9398 is a High Density Polyethylene material. It is available in Latin America or North America for extrusion or pipe extrusion.

Important attributes of Marlex® 9398 are:

Hexene Comonomer

High ESCR (Stress Crack Resistant)

Typical application of Marlex® 9398: Electrical/Electronic Applications

General Information			
Features	Good Melt Strength Hexene Comonomer High ESCR (Stress Crack Resist.)		
Uses	Conduit		
Agency Ratings	ASTM D 3350 PE345440A ASTM D 4976-PE235 ASTM F 2160		
Forms	Pellets		
Processing Method	Extrusion Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.945	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/21.6 kg)	11	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			
100% Igepal, Compression Molded, F50	> 2000	hr	ASTM D1693B
100% Igepal, Compression Molded, F50	> 2000	hr	ASTM D1693C
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield, Compression Molded)	22.0	MPa	ASTM D638
Tensile Elongation ² (Break, Compression Molded)	800	%	ASTM D638
Flexural Modulus - 2% Secant ³ (Compression Molded)	900	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -75.0	°C	ASTM D746A
NOTE			
1.	Type IV, 51 mm/min		
2.	Type IV, 51 mm/min		

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Recommended distributors for this material

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