

Chevron Phillips Marlex® 9398 HDPE Pipe and Corrugated Extrusion Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Extruded

Material Notes:

Resin Type: Hexene Copolymer
 Characteristics: Good melt strength
 Excellent ESCR
 Applications: Conduit
 Duct
 Information provided by
 Chevron Phillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-9398-HDPE-Pipe-and-Corrugated-Extrusion-Resin.php

Physical Properties	Metric	English	Comments
Density	0.945 g/cc	0.0341 lb/in ³	ASTM D1505
ESCR 100% Igepal®	>= 2000 hour	>= 2000 hour	Condition C; ASTM D1693
ESCR 10% Igepal®	>= 2000 hour	>= 2000 hour	Condition B; ASTM D1693
Melt Flow	11 g/10 min	11 g/10 min	Condition 190/21.6, HLMI; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.0 MPa	3190 psi	2 in/min, Type IV bar; ASTM D638
Elongation at Break	800 %	800 %	2 in/min, Type IV bar; ASTM D638
Flexural Modulus	0.900 GPa	131 ksi	2% Secant; ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -75.0 °C	<= -103 °F	Type A clamp, type 1 specimen; ASTM D746

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