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PREMIUM EXTRUSION AND RIGID PACKAGING RESINS

Marlex® 9398

HIGH DENSITY POLYETHYLENE

This hexene copolymer is tailored for non-pressure pipe applications that require:

- Good melt strength
- Excellent ESCR

This resin meets these specifications:

- ASTM D4976 - PE 235
- ASTM F2160
- ASTM D3350, class 345440A

Typical applications for 9398 include:

- Conduit
- Duct

NOMINAL PHYSICAL PROPERTIES ⁽¹⁾	English	SI	Method
Density	---	0.945 g/cm ³	ASTM D1505
Flow Rate (HLMI, 190/21.6)	---	11.0 g/10 min	ASTM D1238
Tensile Strength at Yield , 2 in/min, Type IV bar	3,200 psi	22 MPa	ASTM D638
Elongation at Break , 2 in/min, Type IV bar	800%	800%	ASTM D638
Flexural Modulus , 2% Secant - 16:1 span:depth, 0.5 in/min	130,000 psi	900 MPa	ASTM D790
ESCR , Condition B (100% Igepal), F50	>2000 h	>2000 h	ASTM D1693
ESCR , Condition C (100% Igepal), F50	>2000 h	>2000 h	ASTM D1693
Brittleness Temperature , Type A, Type I specimen	<-103°F	<-75°C	ASTM D746

1. The nominal properties reported herein are typical of the product, but do not reflect normal testing variance and therefore should not be used for specification purposes. Values are rounded. The physical properties were determined on compression molded specimens that were prepared in accordance with Procedure C of ASTM D4703, Annex A1, Annex A1 or ASTM F1473.

Revision Date October, 2004

Another quality product from



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