

Chevron Phillips Marlex® 9012 HDPE Injection Molding Resin

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

Material Notes:

Resin Type: Linear Copolymer, ASTM D 4976 Classification: PE 232, A 55600 Characteristics: Good Flow, Good Impact Strength, Good Stiffness, Good ESCR, Good Shrinkage Resistance Applications: Food Pails (2-5 gallon), Automotive, Toys, Closures, Housewares Data provided by Chevron Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-9012-HDPE-Injection-Molding-Resin.php

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in ³	ASTM D1505
Apparent Bulk Density	0.590 g/cc	0.0213 lb/in ³	ASTM D1895
Melt Flow	11.5 g/10 min @Load 2.16 kg, Temperature 190 °C	11.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D 1238
High Load Melt Index	299 g/10 min @Load 21.6 kg, Temperature 190 °C	299 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.5 MPa	3700 psi	ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Flexural Modulus	0.970 GPa	141 ksi	3 pt. secant; ASTM D790
	1.24 GPa	180 ksi	3 pt. Tangent; ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	123 °C	253 °F	ASTM D1525
Brittleness Temperature	<= -71.0 °C	<= -95.8 °F	ASTM D746

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China