

Chevron Phillips Marlex® 9035 High Density Polyethylene, Injection Molding

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

Material Notes:

This hexene copolymer is tailored for injection molded applications that require:Excellent flowModerate impact strengthGood stiffnessTypical injection molded applications for 9035 include items such as:Thin wall food containersToysThis resin meets these specifications:ASTM D4976 - PE 231FDA 21 CFR 177.1520(c) 3.2a, use conditions B through H per 21 CFR 176.170(c)Information provided by Chevron Phillips Chemical Company LP.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-9035-High-Density-Polyethylene-Injection-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.952 g/cc	0.952 g/cc	ASTM D1505
ESCR 100% Igepal®	<= 10 hour	<= 10 hour	Condition B, F50; ASTM D1693
Melt Flow	40 g/10 min @Load 2.16 kg, Temperature 190 °C	40 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	2 in/min, Type IV bar; ASTM D638
Elongation at Break	<= 100 %	<= 100 %	2 in/min, Type IV bar; ASTM D638
Flexural Modulus	0.979 GPa	142 ksi	Tangent; ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	115 °C	239 °F	ASTM D1525
Brittleness Temperature	<= -75.0 °C	<= -103 °F	Type A clamp, Type I Specimen; 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