

Chevron Phillips HiD® 9035 HDPE Injection Molding Resin (discontinued **)

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

Material Notes:

Resin Type: Linear Copolymer, ASTM D 4976 Classification: PE 231, A 52600
 Characteristics: Excellent Flow, Moderate Impact Strength, Good Stiffness, Moderate ESCR, Excellent Shrinkage Resistance
 Applications: Thin Wall Food Containers, Toys
 Data provided by Chevron Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-HiD-9035-HDPE-Injection-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in³	ASTM D1505
Apparent Bulk Density	0.590 g/cc	0.0213 lb/in³	ASTM D1895
Melt Flow	40 g/10 min	40 g/10 min	ASTM D 1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	
High Load Melt Index	1040 g/10 min	1040 g/10 min	ASTM D 1238
	@Load 21.6 kg, Temperature 190 °C	@Load 47.6 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.4 MPa	3390 psi	ASTM D638
Elongation at Break	<= 100 %	<= 100 %	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	117 °C	243 °F	ASTM D1525

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