

**Chevron Phillips HiD® 9055 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, Stadium Cups Data provided by Chevron Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-HiD-9055-HDPE-Injection-Molding-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-HiD-9055-HDPE-Injection-Molding-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in <sup>3</sup>	ASTM D1505
Apparent Bulk Density	0.590 g/cc	0.0213 lb/in <sup>3</sup>	ASTM D1895
Melt Flow	55 g/10 min @Load 2.16 kg, Temperature 190 °C	55 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D 1238
High Load Melt Index	1430 g/10 min @Load 21.6 kg, Temperature 190 °C	1430 g/10 min @Load 47.6 lb, Temperature 374 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.2 MPa	3800 psi	ASTM D638
Elongation at Break	<= 100 %	<= 100 %	ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	3 pt. secant. ASTM D790
Tensile Impact Strength	34.0 kJ/m <sup>2</sup>	16.2 ft-lb/in <sup>2</sup>	ASTM D1822

Thermal Properties	Metric	English	Comments
Vicat Softening Point	125 °C	257 °F	ASTM D1525

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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