

## Chevron Phillips HiD® 99416 with Food Grade Antistat HDPE Blow Molding Resin (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

### Material Notes:

Resin Type: Linear Homopolymer; Blow Molding, Sheetting & Profile Extrusion Resin Characteristics: High Stiffness, Good Impact Resistance, Very Low Odor & Taste Transfer, Designated for Uniloy Blowmolding Systems, Quality Assured by Processing Prior to Release, Good Trimming Characteristics, Controlled Swell Characteristics, Lightweighting Capabilities Applications: Milk Bottles, Water Bottles, Juice Bottles, Food Bottles including Wide Mouth, Toys, Sheetting. Burn Rate

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Chevron-Phillips-HiD-99416-with-Food-Grade-Antistat-HDPE-Blow-Molding-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Chevron-Phillips-HiD-99416-with-Food-Grade-Antistat-HDPE-Blow-Molding-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	>= 0.960 g/cc	>= 0.0347 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	0.69 g/10 min @Load 2.16 kg, Temperature 190 °C	0.69 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	69	69	ASTM D2240
Tensile Strength, Yield	32.0 MPa	4640 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	1.47 GPa	213 ksi	3 pt. secant. ASTM D790
Tensile Impact Strength	109 kJ/m <sup>2</sup>	51.9 ft-lb/in <sup>2</sup>	S Bar; ASTM D 1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	78.0 °C	172 °F	ASTM D648
Vicat Softening Point	128 °C	262 °F	ASTM D1525
Brittleness Temperature	<= -75.0 °C	<= -103 °F	ASTM D746

## Contact Songhan Plastic Technology Co.,Ltd.

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