

Chevron Phillips HiD® 9412/HiD® 9413 with Antistat HDPE Blow Molding Resin (discontinued **)

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

Material Notes:

Resin Type: Linear Copolymer; Blow Molding, Injection Blow Molding Resin Characteristics: Medium Molecular Weight Distribution, Reduced Yellow Potential, Wide Range of Processing Conditions, Good Flow for Injection Blow Molding Applications, Good Parison Uniformity, Good Trimability Applications: Food Packaging, Personal Care Products, Coolers, Ice Chests, Sheet and Vacuum Forming, Oil Bottles. Burn Rate

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-HiD-9412HiD-9413-with-Antistat-HDPE-Blow-Molding-Resin-nbspdiscontinued.php

Physical Properties	Metric	English	Comments
Density	0.955 g/cc	0.0345 lb/in ³	ASTM D1505
Apparent Bulk Density	0.590 g/cc	0.0213 lb/in ³	ASTM D1895
Melt Flow	0.32 g/10 min @Load 2.16 kg, Temperature 190 °C	0.32 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	66	66	ASTM D2240
Tensile Strength, Yield	27.6 MPa	4000 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	1.18 GPa	171 ksi	3 pt. secant. ASTM D790
Tensile Impact Strength	140 kJ/m ²	66.6 ft-lb/in ²	S Bar; ASTM D 1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	74.0 °C	165 °F	ASTM D648
Vicat Softening Point	126 °C	259 °F	ASTM D1525
Brittleness Temperature	<= -100 °C	<= -148 °F	ASTM D746

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