

Chevron Phillips HiD® 9506 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 Resin
Characteristics: Medium Molecular Weight Distribution, Wide Range of Processing Conditions, Good ESCR, High Melt Strength, Good Impact Resistance, Good Parison Uniformity, Good Trimability
Applications: Hard to Hold Chemicals, Household-Industrial Chemical Containers, Detergents. Burn Rate

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-HiD-9506-HDPE-Blow-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in³	ASTM D1505
Apparent Bulk Density	0.590 g/cc	0.0213 lb/in³	ASTM D1895
Melt Flow	0.27 g/10 min @Load 2.16 kg, Temperature 190 °C	0.27 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	26.0 MPa	3770 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	1.00 GPa	145 ksi	3 pt. secant. ASTM D790
Tensile Impact Strength	159 kJ/m²	75.7 ft-lb/in²	S Bar; ASTM D 1822

Thermal Properties	Metric	English	Comments
Vicat Softening Point	125 °C	257 °F	ASTM D1525
Brittleness Temperature	<= -75.0 °C	<= -103 °F	ASTM D746

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