

Chevron Phillips HiD® 9502H - 9503H High Performance Series HDPE Blow Molding Resin (discontinued **)

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

Material Notes:

Resin Type: linear copolymer
 Characteristics: outstanding ESCR, excellent impact resistance, medium molecular weight distribution, wide range of processing conditions, high melt strength, good parison uniformity, good trimming characteristics. Federal specification LP390C
 Classification Type I, Class H, Grades (1-5), Category 5. Meets FDA Regulation 21CFR 177.1520. Some restrictions apply when containing an antistatic additive.
 Applications: hard to hold chemicals, household-industrial chemical containers, detergents
 Burn rate < 5 cm/min.
 Information provided by Chevron Phillips Chemical Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-HiD-9502H-9503H-High-Performance-Series-HDPE-Blow-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.946 g/cc	0.0342 lb/in ³	ASTM D1505
Apparent Bulk Density	0.590 g/cc	0.0213 lb/in ³	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 D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	ASTM D2240
Tensile Strength, Yield	24.8 MPa	3600 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	0.900 GPa	131 ksi	1% Secant; ASTM D 790
Tensile Impact Strength	135 kJ/m ²	64.2 ft-lb/in ²	S bar; ASTM D 1822

Thermal Properties	Metric	English	Comments
Vicat Softening Point	123 °C	253 °F	ASTM D1525
Brittleness Temperature	<= -75.0 °C	<= -103 °F	ASTM D746

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