

Chevron Phillips Marlex® 9506H 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: superior physical properties, medium molecular weight distribution, wide range of processing conditions, low parison sag, excellent stress crack resistance. 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: household and industrial chemicals, industrial blow molding, automotive parts, toys, large trash cans, ice chests
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-Marlex-9506H-High-Performance-Series-HDPE-Blow-Molding-Resin-ndiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 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	26.9 MPa	3900 psi	ASTM D638
Elongation at Break	>= 500 %	>= 500 %	ASTM D638
Flexural Modulus	1.03 GPa	149 ksi	1% Secant; ASTM D 790
Tensile Impact Strength	115 kJ/m ²	54.7 ft-lb/in ²	S bar; ASTM D 1822

Thermal Properties	Metric	English	Comments
Vicat Softening Point	124 °C	255 °F	ASTM D1525
Brittleness Temperature	<= -100 °C	<= -148 °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