

Chevron Phillips Marlex® HHM 5202LD HDPE Blow Molding Resin (discontinued **)

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

Material Notes:

Resin Type: Hexene Copolymer
Characteristics: Good stiffness
Exceptional processability
Good ESCR
Applications: Household & industrial chemical containers
Information provided by Chevron Phillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-HHM-5202LD-HDPE-Blow-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.951 g/cc	0.0344 lb/in ³	ASTM D1505
ESCR 100% Igepal®	50 hour	50 hour	Conditions A and B; ASTM D1693
Melt Index of Compound	0.35 g/10 min	0.35 g/10 min	Condition 190/2.16; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa	3770 psi	2 in/min, Type IV bar; ASTM D638
Elongation at Break	600 %	600 %	2 in/min, Type IV bar; ASTM D638
Flexural Modulus	1.31 GPa	190 ksi	Tangent, 16:1 span:depth, 0.5in/min; ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -75.0 °C	<= -103 °F	Type A clamp, type 1 specimen; ASTM D746

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