Chevron Phillips Marlex® C513UV HDPE Blow Molding Resin (discontinued **)

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

Material Notes:

Resin Type: Hexene CopolymerCharacteristics: Outstanding impact resistanceExcellent ESCRExcellent processabilityUV stabilizationApplications: Intermediate bulk containersAgricultural containersInformation provided by Chevron Phillips.

Order this product through the following link:
http://www.lookpolymers.com/polymer_Chevron-Phillips-Marlex-C513UV-HDPE-Blow-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.945 g/cc	0.0341 lb/in³	ASTM D1505
ESCR 100% Igepal®	>= 2000 hour	>= 2000 hour	Conditions A and B; ASTM D1693
Melt Flow	6.2 g/10 min	6.2 g/10 min	Condition 190/2.16, HLMI; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	61	61	ASTM D2240
Tensile Strength, Yield	24.0 MPa	3480 psi	2 in/min, Type IV bar; ASTM D638
Elongation at Break	700 %	700 %	2 in/min, Type IV bar; ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	Tangent, 16:1 span:depth,0.5in/min; ASTM D790
Tensile Impact Strength	580 kJ/m²	276 ft-lb/in²	Type S bar; ASTM D1822

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	66.0 °C	151 °F	Method A; ASTM D648
Vicat Softening Point	123 °C	253 °F	Loading 1, Rate A; ASTM D1525
Brittleness Temperature	<= -75.0 °C	<= -103 °F	Type A, type 1 specimen; 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