

Amco PRIMATOP HDPE 003946HP Blow Molding Polyethylene

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

Material Notes:

HDPE 003946HP features antistat, outstanding ESCR, and excellent impact resistance. Applications include detergent bottles, industrial containers, large parts, and household and industrial chemical containers. Former A-Top Polymers product; part of Amco product line since 2013.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Amco-PRIMATOP-HDPE-003946HP-Blow-Molding-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.946 g/cc	0.0342 lb/in ³	ASTM D1505
ESCR 100% Igepal®	>= 1000 hour	>= 1000 hour	Condition A, F50; ASTM D1693
	>= 1000 hour	>= 1000 hour	Condition B, F50; ASTM D1693
Melt Index of Compound	0.31 g/10 min	0.31 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.8 MPa	3600 psi	2" per min, Type IV; ASTM D638
Elongation at Break	>= 500 %	>= 500 %	2" per min, Type IV; ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
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