

Amco PRIMATOP HDPE 006964 Blow Molding Polyethylene

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

Material Notes:

HDPE 004955HP features excellent stiffness to ESCR ratio and good impact resistance. Applications include oil bottles, household and industrial chemical containers, and personal care products. 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-006964-Blow-Molding-Polyethylene.php

Physical Properties	Metric	English	Comments
Density	0.964 g/cc	0.0348 lb/in ³	ASTM D1505
ESCR 100% Igepal®	15 - 20 hour	15 - 20 hour	Condition A, F50; ASTM D1693
Melt Index of Compound	0.65 g/10 min	0.65 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.3 MPa	4400 psi	2" per min, Type IV; ASTM D638
Elongation at Break	>= 300 %	>= 300 %	2" per min, Type IV; ASTM D638
Flexural Modulus	1.65 GPa	240 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Brittleness Temperature	<= -118 °C	<= -180 °F	ASTM D746

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