

A. Schulman LP477-01 High-Density Polyethylene

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

Material Notes:

Description LP 477-01 is a high-density polyethylene possessing excellent impact strength for blow molded bleach and detergent bottles, thermoformed industrial parts, tote boxes, trays, liners and pharmaceutical packages. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-LP477-01-High-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.955 g/cc	0.955 g/cc	ASTM D792
ESCR 100% Igepal®	60 hour	60 hour	Condition A; ASTM D1693
Melt Index of Compound	0.30 g/10 min	0.30 g/10 min	Condition E; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.1 MPa	3200 psi	2"/min; ASTM D638
Elongation at Break	400 %	400 %	2"/min; ASTM D638
Flexural Modulus	0.827 GPa	120 ksi	ASTM D882

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