

A. Schulman LP479-01 High-Density Polyethylene Homopolymer

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

Material Notes:

DescriptionLP 479-01 is a high-density polyethylene homopolymer, offering good processability at high production rates. ApplicationUses of LP 479-01 include blown film and blow molded containers. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-LP479-01-High-Density-Polyethylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc	0.960 g/cc	ASTM D792
Melt Index of Compound	0.80 g/10 min	0.80 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	ASTM D2240
Tensile Strength, Yield	29.3 MPa	4250 psi	2"/min; ASTM D638
Elongation at Break	260 %	260 %	2"/min; ASTM D638
Flexural Stiffness	827 MPa	120000 psi	ASTM D747

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	77.0 °C	171 °F	ASTM D648
Vicat Softening Point	127 °C	261 °F	ASTM D1525

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