

A. Schulman LP552-01 Injection Molding, Extrusion Grade Compound

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Description LP 522-01 is an injection molding and/or extrusion grade compound Application LP 552-01 meets FDA Regulation CFT 177.1520(c)3.1. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-LP552-01-Injection-Molding-Extrusion-Grade-Compound.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D792
Melt Index of Compound	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	47	47	ASTM D2240
Tensile Strength, Yield	10.3 MPa	1500 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Flexural Modulus	0.448 GPa	65.0 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	109 °C	228 °F	ASTM D1525

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