

A. Schulman CP851 High Flow, Injection Molding Grade

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Molded

Material Notes:

DescriptionCP 851 is a high flow injection molding grade of conventional (high pressure) low density polyethylene. ApplicationCP 851 meets the specifications in FDA Regulation 21 CFR177.1520 (c)3.1.Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-CP851-High-Flow-Injection-Molding-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.923 g/cc	0.923 g/cc	ASTM D792
Melt Flow	20 g/10 min	20 g/10 min	Condition E; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	ASTM D1706
Tensile Strength, Yield	10.3 MPa	1500 psi	ASTM D638
Elongation at Break	200 %	200 %	ASTM D638
Flexural Stiffness	138 MPa	20000 psi	ASTM D747

Thermal Properties	Metric	English	Comments
Vicat Softening Point	92.0 °C	198 °F	

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