

A. Schulman CP812 Linear, Medium-Density Polyethylene

Category : Polymer , Thermoplastic , Polyethylene (PE) , MDPE , Linear Medium Density Polyethylene (LMDPE), Rotational Molded

Material Notes:

Description CP 812 is a linear medium-density polyethylene resin with excellent molding characteristics and good low temperature impact.

Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-CP812-Linear-Medium-Density-Polyethylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.935 g/cc	0.935 g/cc	ASTM D792
Melt Index of Compound	5.0 g/10 min	5.0 g/10 min	Condition E; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	14.8 MPa	2150 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Flexural Modulus	0.552 GPa	80.0 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256
Falling Dart Impact	65.1 J @Temperature -40.0 °C	48.0 ft-lb @Temperature -40.0 °F	
Tear Strength	140.24 kN/m	800.21 pli	ASTM D624

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