

A. Schulman POLYFLAM™ FLP 3714 20% Glass Filled HDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Glass fiber Filled

Material Notes:

Description Polyfort® FLP 3714 is a 20% glass filled HDPE product. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFLAM-FLP-3714-20-Glass-Filled-HDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	43.0 MPa	6240 psi	ASTM D790
Flexural Modulus	2.80 GPa	406 ksi	ASTM D790
Izod Impact, Notched	0.570 J/cm	1.07 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	123 °C	253 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	102 °C	216 °F	ASTM D648

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