

A. Schulman POLYFORT™ FPP 3460 Glass-Mineral Hybrid Filled Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Glass/Mineral Reinforced

Material Notes:

Description Polyfort® FPP 3460 is a 40% glass-mineral hybrid filled copolymer. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-3460-Glass-Mineral-Hybrid-Filled-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Melt Flow	4.0 g/10 min	4.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	53.0 MPa	7690 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Flexural Modulus	4.572 GPa	663.1 ksi	ASTM D790
Izod Impact, Notched	1.75 J/cm	3.28 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	154 °C	309 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	129 °C	264 °F	ASTM D648

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