

A. Schulman POLYFORT™ FPP 1285H Glass Reinforced Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Glass Fiber Filler

Material Notes:

Description Polyfort® FPP 1285H is a 20% glass reinforced copolymer polypropylene compound. It has good impact and heat resistance.

Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1285H-Glass-Reinforced-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.03 g/cc	1.03 g/cc	ASTM D792
Melt Flow	15 g/10 min	15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength, Yield	27.0 MPa	3920 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Modulus	2.618 GPa	379.7 ksi	ASTM D790
Izod Impact, Notched	0.907 J/cm	1.70 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	124 °C	255 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	88.0 °C	190 °F	ASTM D648

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