

A. Schulman POLYFORT™ FPP 1285U Glass Filled, UV Stable Impact Copolymer Polypropylene

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

Material Notes:

Description Polyfort® FPP 1285U is a 20% glass filled UV stable impact copolymer polypropylene product. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1285U-Glass-Filled-UV-Stable-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	95	95	ASTM D785
Tensile Strength, Yield	45.0 MPa	6530 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Strength	60.0 MPa	8700 psi	ASTM D790
Flexural Modulus	2.90 GPa	421 ksi	ASTM D790
Izod Impact, Notched	0.950 J/cm	1.78 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	150 °C	302 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	125 °C	257 °F	ASTM D648

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