

A. Schulman POLYFORT™ FPP 1876 22% Mineral Filled Copolymer, UV Inhibited Polypropylene

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

Material Notes:

Description Polyfort® FPP 1876 is a 22% mineral filled copolymer UV Inhibited Polypropylene. It is high flow. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1876-22-Mineral-Filled-Copolymer-UV-Inhibited-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ISO 1183/1
Melt Flow	21 g/10 min	21 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.0 MPa	2900 psi	50 mm/min; ISO 527
Flexural Modulus	1.80 GPa	261 ksi	ISO 178
Izod Impact, Notched (ISO)	4.00 kJ/m²	1.90 ft-lb/in²	ISO 180

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	103 °C	217 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	59.0 °C	138 °F	ISO 75

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