

A. Schulman POLYFLAM™ FPP 1006 Talc Filled Homopolymer Polypropylene

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

Material Notes:

Description Polyfort® FPP 1006 is a 20% talc filled homopolymer polypropylene compound. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFLAM-FPP-1006-Talc-Filled-Homopolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.04 g/cc	1.04 g/cc	ASTM D792
Melt Flow	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.0 MPa	5220 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Flexural Modulus	2.275 GPa	330.0 ksi	ASTM D790
Izod Impact, Notched	0.320 J/cm	0.599 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	71.0 °C	160 °F	ASTM D648
UL RTI, Electrical	65.0 °C @Thickness 0.780 mm	149 °F @Thickness 0.0307 in	UL 746
UL RTI, Mechanical with Impact	65.0 °C @Thickness 0.780 mm	149 °F @Thickness 0.0307 in	UL 746
UL RTI, Mechanical without Impact	65.0 °C @Thickness 0.780 mm	149 °F @Thickness 0.0307 in	UL 746
Flammability, UL94	HB @Thickness 0.780 mm	HB @Thickness 0.0307 in	

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