

A. Schulman POLYFORT™ FPP 1245U CaCO₃ Filled UV Stable Copolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 20% Calcium Carbonate (CaCO₃) Filler

Material Notes:

Description Polyfort® FPP 1245U is a 20% CaCO₃ filled UV stable copolymer polypropylene product. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1245U-CaCO₃-Filled-UV-Stable-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-1245U-CaCO3-Filled-UV-Stable-Copolymer-Polypropylene.php)

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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Strength	40.0 MPa	5800 psi	ASTM D790
Flexural Modulus	1.89 GPa	274 ksi	ASTM D790
Izod Impact, Notched	0.530 J/cm	0.993 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	95.0 °C	203 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ASTM D648

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