

## A. Schulman POLYFORT™ FPP 3717 Talc Filled Homopolymer Polypropylene (39.6% Mineral Content)

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene with 40% Talc Filler

### Material Notes:

Description Polyfort® FPP 3717 is a 40% talc filled homopolymer polypropylene product. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-POLYFORT-FPP-3717-Talc-Filled-Homopolymer-Polypropylene-396-Mineral-Content.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-3717-Talc-Filled-Homopolymer-Polypropylene-396-Mineral-Content.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Carbon Black Loading	0.95 %	0.95 %	ASTM D1003
Melt Flow	1.2 g/10 min	1.2 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	37.9 MPa	5500 psi	ASTM D638
Elongation at Break	15 %	15 %	ASTM D638
Flexural Strength	41.62 MPa	6036 psi	ASTM D790
Flexural Modulus	3.55 GPa	515 ksi	1% secant; ASTM D790
Falling Dart Impact	1.80 J	1.33 ft-lb	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	127 °C	260 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	82.2 °C	180 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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