

A. Schulman POLYFORT™ FXP 1943 CaCO₃ and Glass Fiber Hybrid Copolymer Polypropylene

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

Material Notes:

Description Polyfort® FXP 1943 is a 20% CaCO₃ and glass fiber hybrid copolymer polypropylene product. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FXP-1943-CaCO₃-and-Glass-Fiber-Hybrid-Copolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FXP-1943-CaCO3-and-Glass-Fiber-Hybrid-Copolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	ASTM D792
Linear Mold Shrinkage	0.0010 cm/cm	0.0010 in/in	ASTM D955
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	54.0 MPa	7830 psi	ASTM D790
Flexural Modulus	2.70 GPa	392 ksi	ASTM D790
Izod Impact, Notched	0.600 J/cm	1.12 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	60.0 °C	140 °F	ASTM D648

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