

A. Schulman POLYFORT™ FXP 2600-3120 CaCO₂ Filled Homopolymer Polypropylene

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

Material Notes:

Description Polyfort® FXP 2600-3120 is a 20% CaCO₂ filled homopolymer polypropylene compound. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FXP-2600-3120-CaCO₂-Filled-Homopolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FXP-2600-3120-CaCO2-Filled-Homopolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Flexural Modulus	2.30 GPa	334 ksi	ASTM D790
Izod Impact, Notched	0.290 J/cm	0.543 ft-lb/in	ASTM D256
Gardner Impact	3.60 J	2.66 ft-lb	ASTM D5420

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	100 °C	212 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	66.0 °C	151 °F	ASTM D648

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