

A. Schulman POLYFORT™ FPP 3391 Chemically Coupled, Modified Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Mineral Reinforced, Impact Modified

Material Notes:

Description Polyfort® FPP 3391 is a chemically coupled, mineral reinforced high impact resistant, modified polypropylene. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FPP-3391-Chemically-Coupled-Modified-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D792
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	17.9 MPa	2600 psi	at max load, 2 in/min; ASTM D638
Elongation at Break	20 %	20 %	ASTM D638
Flexural Strength	24.1 MPa	3500 psi	ASTM D790
Flexural Modulus	1.34 GPa	195 ksi	1% secant; ASTM D790
	1.53 GPa	222 ksi	tangent; ASTM D790
Izod Impact, Notched	2.67 J/cm	5.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	105 °C	221 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	51.0 °C	124 °F	ASTM D648

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