

A. Schulman POLYFORT™ FXP 6630 Nylon 6.6 Polypropylene Alloy

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Polypropylene (PP)

Material Notes:

Description Polyfort® FXP 6630 is a nylon 6.6 / polypropylene alloy with 30% wollastonite. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-FXP-6630-Nylon-66-Polypropylene-Alloy.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	58.0 MPa	8410 psi	ASTM D638
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D638
Elongation at Break	2.0 %	2.0 %	ASTM D638
Flexural Strength	100 MPa	14500 psi	ASTM D790
Flexural Modulus	6.00 GPa	870 ksi	ASTM D790
Izod Impact, Notched	0.650 J/cm	1.22 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	190 °C	374 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	150 °C	302 °F	ASTM D648

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