

A. Schulman POLYFORT™ PP 3701

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-PP-3701.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.915 g/cc	0.915 g/cc	ASTM D792
Melt Flow	15 - 25 g/10 min	15 - 25 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	18.0 MPa	2610 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Flexural Strength	20.0 MPa	2900 psi	ASTM D790
Flexural Modulus	0.700 GPa	102 ksi	ASTM D790
Izod Impact, Notched	4.50 J/cm	8.43 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	68.0 °C	154 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	44.0 °C	111 °F	ASTM D648

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