

A. Schulman POLYFORT™ PP 3726

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-3726.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	29 g/10 min	29 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	24.0 MPa	3480 psi	at 50 mm/min; ASTM D638
Elongation at Break	111 %	111 %	at 50 mm/min; ASTM D638
Flexural Modulus	1.266 GPa	183.6 ksi	at 1.3 mm/min; ASTM D790
Izod Impact, Notched	1.25 J/cm	2.34 ft-lb/in	ASTM D256
Gardner Impact	31.0 J	22.9 ft-lb	ASTM D5420

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	119 °C	246 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	62.0 °C	144 °F	ASTM D648

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