

A. Schulman PP 984 Polypropylene Medium Impact Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Description Polypropylene PP 984 is a medium impact polypropylene used primarily for automotive parts subjected to impact. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-PP-984-Polypropylene-Medium-Impact-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	8.0 - 12 g/10 min @Load 2.16 kg, Temperature 230 °C	8.0 - 12 g/10 min @Load 4.76 lb, Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	2 in/min; ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Strength	180 MPa	26100 psi	ASTM D638
Flexural Modulus	1.00 GPa	145 ksi	ASTM D790
Izod Impact, Notched	1.00 J/cm	1.87 ft-lb/in	ASTM D256
Gardner Impact	10.8 J @Temperature -30.0 °C	7.97 ft-lb @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 °C	194 °F	ASTM D648
Flame Spread	<= 102 mm/min	<= 4.02 in/min	

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