

A. Schulman PP 1188-01 Polypropylene Extra High-Impact Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Impact Modified; Molded/Extruded

Material Notes:

Description Polypropylene PP 1188-01 is an extra high-impact polypropylene, copolymer type, with excellent low temperature properties.

Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-PP-1188-01-Polypropylene-Extra-High-Impact-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	2.0 - 4.0 g/10 min	2.0 - 4.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	20.7 MPa	3000 psi	ASTM D638
Elongation at Break	>= 50 %	>= 50 %	ASTM D638
Flexural Modulus	0.850 GPa	123 ksi	at 2 in/min; ASTM D790
Izod Impact, Notched	5.30 J/cm	9.93 ft-lb/in	ASTM D256
Gardner Impact	17.0 J @Temperature -30.0 °C	12.5 ft-lb @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	80.0 °C	176 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ASTM D648

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