

A. Schulman PP 1498-01 Polypropylene Medium Impact Copolymer Polypropylene

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

Material Notes:

Description Polypropylene PP 1498-01 is a high flow, medium impact copolymer polypropylene. It molds easily at low temperatures, pressures and mold cycle times. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-PP-1498-01-Polypropylene-Medium-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Melt Flow	16 - 24 g/10 min	16 - 24 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	70	70	ASTM D785
Tensile Strength, Yield	21.4 MPa	3100 psi	ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	0.896 GPa	130 ksi	ASTM D790
Izod Impact, Notched	1.12 J/cm	2.10 ft-lb/in	ASTM D256
Izod Impact, Unnotched	NB	NB	ASTM D256
Gardner Impact	5.88 J	4.34 ft-lb	ASTM D256
	@Temperature -28.9 °C	@Temperature -20.0 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	83.9 °C	183 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	52.2 °C	126 °F	ASTM D648

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