

A. Schulman PP 1116-01 Polypropylene Molding Grade Copolymer Polypropylene

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

Material Notes:

Description Polypropylene PP 1116-01 is a molding grade copolymer polypropylene with improved low temperature toughness and good room temperature toughness. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-PP-1116-01-Polypropylene-Molding-Grade-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Melt Flow	1.8 g/10 min	1.8 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	80	80	ASTM D785
Tensile Strength, Yield	28.3 MPa	4100 psi	ASTM D638
Elongation at Break	10 %	10 %	at max load; ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	ASTM D790
Izod Impact, Notched	0.267 J/cm	0.500 ft-lb/in	at 0°F; ASTM D256
	0.641 J/cm	1.20 ft-lb/in	ASTM D256
Gardner Impact	>= 10.2 J	>= 7.50 ft-lb	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	85.0 °C	185 °F	ASTM D648

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