

A. Schulman PP 1407L-01 Polypropylene High-Impact Copolymer Polypropylene

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

Material Notes:

Description Polypropylene PP 1407L-01 is a super high-impact copolymer polypropylene. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-PP-1407L-01-Polypropylene-High-Impact-Copolymer-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	1.5 g/10 min @Load 2.16 kg, Temperature 230 °C	1.5 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	75	75	ASTM D785
Tensile Strength, Yield	25.0 MPa	3630 psi	50 mm/min; ASTM D638
Elongation at Yield	10 %	10 %	ASTM D638
Flexural Modulus	1.00 GPa	145 ksi	5 mm/min, secant; ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256
Izod Impact, Unnotched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	82.0 °C	180 °F	ASTM D648

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