

A. Schulman POLYFORT™ PP 1579 Impact Grade Polypropylene

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

Material Notes:

Description Polyfort® PP 1579H is an impact grade of polypropylene for use in parts which require good impact and good appearance in light-weight injection molded parts. Information provided by A. Schulman.

Order this product through the following link:

http://www.lookpolymers.com/polymer_A-Schulman-POLYFORT-PP-1579-Impact-Grade-Polypropylene.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	16 - 24 g/10 min @Temperature 230 °C	16 - 24 g/10 min @Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength, Yield	21.0 MPa	3050 psi	ASTM D638
Elongation at Break	250 %	250 %	ASTM D638
Elongation at Yield	15 %	15 %	ASTM D 638
Flexural Modulus	0.910 GPa	132 ksi	ASTM D790
Izod Impact, Notched	1.33 J/cm	2.50 ft-lb/in	ASTM D256
Izod Impact, Unnotched	8.01 J/cm	15.0 ft-lb/in	-20°F; ASTM D256
Gardner Impact	3.39 J @Temperature -28.9 °C	2.50 ft-lb @Temperature -20.0 °F	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	84.0 °C	183 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ASTM D648

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