

## A. Schulman PP 1579 Polypropylene Impact Grade Polypropylene

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

**Material Notes:**

Description Polypropylene PP 1579 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-PP-1579-Polypropylene-Impact-Grade-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-PP-1579-Polypropylene-Impact-Grade-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Index of Compound	20 g/10 min @Temperature 230 °C	20 g/10 min @Temperature 446 °F	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	150 %	150 %	ASTM D638
Elongation at Yield	5.0 %	5.0 %	ASTM D638
Flexural Modulus	1.14 GPa	165 ksi	0.05 in/min; ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256
Izod Impact, Unnotched	8.01 J/cm	15.0 ft-lb/in	at -20°F; ASTM D256
Gardner Impact	28.24 J	20.83 ft-lb	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	85.0 °C	185 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	50.0 °C	122 °F	ASTM D648
Flame Spread	51 mm/min	2.0 in/min	FMVSS 302

## Contact Songhan Plastic Technology Co.,Ltd.

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