

## A. Schulman PP 828S-01 Polypropylene Medium Impact Molding Grade Polypropylene

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

### Material Notes:

Description Polypropylene PP 828S-01 is a medium impact molding grade created for applications needing good impact and higher H.D.T., such as tote bins, automotive ducting and housings. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-PP-828S-01-Polypropylene-Medium-Impact-Molding-Grade-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-PP-828S-01-Polypropylene-Medium-Impact-Molding-Grade-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Index of Compound	8.0 g/10 min @Temperature 230 °C	8.0 g/10 min @Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	28.3 MPa	4100 psi	ASTM D638
Elongation at Yield	12 %	12 %	ASTM D638
Flexural Modulus	1.24 GPa	180 ksi	ASTM D790
Izod Impact, Notched	0.908 J/cm	1.70 ft-lb/in	ASTM D256
Gardner Impact	20.00 J @Thickness 3.20 mm, Temperature -30.0 °C	14.75 ft-lb @Thickness 0.126 in, Temperature -22.0 °F	ASTM D3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.8 °C	190 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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