

## A. Schulman POLYTROPE™ TPP 293 Injection Molding Grade Olefinic Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Olefinic TPE , Thermoplastic Olefinic Elastomer (TPO)

### Material Notes:

Description Polytrope TPP293 is an injection molding grade olefinic thermoplastic elastomer. This product is recommended for parts requiring excellent low temperature impact properties with good dimensional stability. TPP 293 is UV stable and pigmentable. Application Typical applications include bumper rubstrips and step pads. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-POLYTROPE-TPP-293-Injection-Molding-Grade-Olefinic-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYTROPE-TPP-293-Injection-Molding-Grade-Olefinic-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D792
Linear Mold Shrinkage	0.0090 - 0.011 cm/cm	0.0090 - 0.011 in/in	
Melt Index of Compound	5.0 g/10 min	5.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	57	57	ASTM D2240
Tensile Strength, Yield	20.7 MPa	3000 psi	ASTM D638
Elongation at Break	550 %	550 %	ASTM D638
Flexural Modulus	0.586 GPa	85.0 ksi	ASTM D790
Gardner Impact	36.0 J @Temperature -30.0 °C	26.6 ft-lb @Temperature -22.0 °F	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-45.0 °C	-49.0 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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