

## A. Schulman POLYTROPE™ TPP 403 Blow Molding Grade Olefinic Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Olefinic TPE , Thermoplastic Olefinic Elastomer (TPO), Blow Molding Grade

### Material Notes:

Description Polytrope TPP 403 is a blow molding grade olefinic thermoplastic elastomer. This elastomer is specifically designed for flexible, automotive under-hood air ducts. This product contains special heat stabilizers to allow usage in the under-hood environment. TPP 402 is only available in black compounds and is not UV stable. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-POLYTROPE-TPP-403-Blow-Molding-Grade-Olefinic-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_A-Schulman-POLYTROPE-TPP-403-Blow-Molding-Grade-Olefinic-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Melt Index of Compound	0.50 g/10 min	0.50 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	50	50	ASTM D2240
Tensile Strength at Break	27.6 MPa	4000 psi	ASTM D638
Elongation at Break	650 %	650 %	ASTM D638
Flexural Modulus	0.241 GPa	35.0 ksi	ASTM D790
Gardner Impact	36.0 J @Temperature -30.0 °C	26.6 ft-lb @Temperature -22.0 °F	
Tear Strength	100 kN/m	571 pli	ASTM D624

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China