

## AlphaGary Evoprene™ 036 Standard SBS Thermoplastic Elastomer Compound

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE

### Material Notes:

The Evoprene™ Standard is a styrene-butadiene -styrene based thermoplastic elastomer. Applications: extruded door, window and furniture seals and rubbing strips, mats, bump stops, grommets, coat hanger pads, toy components Can be used in food contact applications with the appropriate stabilizer package

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_AlphaGary-Evoprene-036-Standard-SBS-Thermoplastic-Elastomer-Compound.php](http://www.lookpolymers.com/polymer_AlphaGary-Evoprene-036-Standard-SBS-Thermoplastic-Elastomer-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ISO 2782
Viscosity Measurement	9.0 @Temperature 150 °C	9.0 @Temperature 302 °F	Kg/cm <sup>2</sup> ; Macklow-Smith extrusion rheometer

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	56	56	ISO 868
Tensile Strength	3.40 MPa	493 psi	ISO 37
Elongation at Break	380 %	380 %	ISO 37
100% Modulus	0.00220 GPa	0.319 ksi	ISO 37
Tear Strength	24.0 kN/m	137 pli	ISO 34-B
Compression Set	23 % @Temperature 22.0 °C, Time 259000 sec	23 % @Temperature 71.6 °F, Time 72.0 hour	ISO 815

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	55.0 - 60.0 °C	131 - 140 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	

Descriptive Properties	Value	Comments
Bonds with	Polypropylene, Polyethylene	
Chemical Resistance	Acetone	Moderate
	Acids up to 80%	Moderate
	Alcohol	Good

Descriptive Properties	Alkali Value	Good Comments
	Brake fluid	Moderate
	Chlorinate solvents	Poor
	Diesel	Poor
	Ethylene glycol	Excellent
	Gasoline	Poor
	Salt solution	Good
	Soda lye	Moderate
	Water, 23°C	Good
	Water, 95°C	Poor
Ozone Resistance	Pass - No Crack	100 pphm / 200 hrs / 20% strain
Transparency	Opaque	

## 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