

## ExxonMobil Santoprene® 8291-85TL Thermoplastic Elastomer

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Vulcanizate Elastomer (TPV)

### Material Notes:

A hard, colorable, specialty thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. It is especially formulated to create multilayer constructions offering bonding to textiles, metals, fluoroelastomers and PAs. In addition, it complies with FDA regulations for rubber articles intended for repeated use. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for extrusion. It is polyolefin based and completely recyclable. Key Features: EU and China RoHS compliant. Applications: Automotive – Weather Seals Consumer Applications Uses: Automotive Applications Hose Metal Bonding Profiles Tie-Layers Processing Method: Coextrusion, Extrusion and Profile Extrusion Availability: Africa & Middle East, Europe, North America, Asia Pacific, Latin America and South America Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Santoprene-8291-85TL-Thermoplastic-Elastomer.php](http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-8291-85TL-Thermoplastic-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	23°C; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	2 mm, 15 sec; ISO 868
Tensile Strength at Break	9.20 MPa	1330 psi	Across Flow; ASTM D412
Tensile Stress	4.00 MPa @Strain 100 %	580 psi @Strain 100 %	Across Flow; ASTM D412
Elongation at Break	830 %	830 %	Across Flow; ASTM D412

Processing Properties	Metric	English	Comments
Processing Temperature	185 - 260 °C	365 - 500 °F	
Adapter Temperature	216 - 232 °C	421 - 450 °F	
Die Temperature	216 - 232 °C	421 - 450 °F	

Descriptive Properties	Value	Comments
Change in Mass in IRM 903 Oil at 257°F for 70 hr	37	
Color	Natural Color	
Form	Pellets	

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**