

## ExxonMobil Santoprene® 101-55W255 Thermoplastic Vulcanizate

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

### Material Notes:

**Product Description:** A soft, black thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material is designed for use in residential dishwasher applications and contains a stabilization system for protection against copper and other metal-catalyzed degradation. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding or extrusion. It is polyolefin based and completely recyclable.  
**Key Features:**UL listed: file #QMFZ2.E80017, Plastics - Component; file #QMFZ8.E80017, Plastics Certified for Canada - Component.EU and China RoHS compliant.  
**Applications:**Appliance-Dishwasher Seals and Gaskets**Uses:**Appliance ComponentsGasketsSeals**Processing Method:** Coextrusion, Injection Molding, Profile Extrusion, Extrusion, Multi Injection Molding and Sheet 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-101-55W255-Thermoplastic-Vulcanizate.php](http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-101-55W255-Thermoplastic-Vulcanizate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	59 @Time 15.0 sec	59 @Time 0.00417 hour	2 mm; ISO 868
Tensile Strength at Break	4.70 MPa	682 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	1.80 MPa @Strain 100 %	261 psi @Strain 100 %	Across Flow; ASTM D412 and ISO 37
Elongation at Break	430 %	430 %	Across Flow; ASTM D412 and ISO 37

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB	HB	UL File Number - E80017

## Contact Songhan Plastic Technology Co.,Ltd.

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