

ExxonMobil Santoprene® 101-60W261 Thermoplastic Elastomer (discontinued **)

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

Material Notes:

A soft, black, versatile thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties and chemical resistance for use in a wide range of applications. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding, extrusion or blow molding. It is polyolefin based and completely recyclable. Designed for applications requiring good elastic recovery Recommended for applications requiring excellent flex fatigue resistance Information provided by Advanced Elastomer Systems

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-101-60W261-Thermoplastic-Elastomer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	23°C; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	ISO 868
	@Thickness 2.00 mm	@Thickness 0.0787 in	
Tensile Strength at Break	7.17 MPa	1040 psi	Across Flow; ASTM D412
Tensile Strength, Ultimate	1.93 MPa	280 psi	Across Flow; ASTM D412
Elongation at Break	550 %	550 %	Across Flow; ASTM D412
Compression Set	14 %	14 %	73°F, 22 hr; ASTM D395
	39 %	39 %	212°F, 22 hr; ASTM D395

Processing Properties	Metric	English	Comments
Processing Temperature	175 - 230 °C	347 - 446 °F	

Descriptive Properties	Value	Comments
Change in Mass in IRM 903 Oil at 257°F for 70 hr	1.02	
Color	Black	
Form	Pellets	

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