

## ExxonMobil Santoprene® 253-50W232 Thermoplastic Vulcanizate (discontinued \*\*)

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

### Material Notes:

**Product Description:** A hard, colorable thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material has good fluid resistance and is formulated to replace thermoset rubbers such as EPDM, polychloroprene and chlorosulphonated polyethylene. 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. **Key Features:** Recommended for applications requiring excellent flex fatigue resistance. Recommended for applications requiring excellent ozone resistance. EU and China RoHS compliant. **Uses:** Automotive Applications Cable Jacketing Electrical/Electronic Applications Wire & Cable Applications **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-253-50W232-Thermoplastic-Vulcanizate-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-253-50W232-Thermoplastic-Vulcanizate-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.11 g/cc	1.11 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	51 @Thickness 50.8 mm, Temperature 23.0 °C	51 @Thickness 2.00 in, Temperature 73.4 °F	ISO 868
Tensile Strength, Yield	10.9 MPa	1580 psi	Across Flow; ASTM D638
Elongation at Yield	20 %	20 %	Across Flow; ASTM D638

Thermal Properties	Metric	English	Comments
Oxygen Index	26 %	26 %	ASTM D2863 and ISO 4589-2

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

## Contact Songhan Plastic Technology Co.,Ltd.

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