

ExxonMobil Santoprene® 9221-87 Thermoplastic Vulcanizate

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

Material Notes:

Product Description: A hard, colorable UV resistant 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, adheres to and is compatible with polypropylene, and is completely recyclable. **Key Features:** Formulated for good UV resistance and colorfastness. EU and China RoHS compliant. **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-9221-87-Thermoplastic-Vulcanizate.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.960 g/cc	0.960 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	93	93	2 mm; ISO 868
Tensile Strength at Break	8.80 MPa	1280 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	5.80 MPa @Strain 100 %	841 psi @Strain 100 %	Across Flow; ASTM D412 and ISO 37
Elongation at Break	450 %	450 %	Across Flow; ASTM D412 and ISO 37

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