

ExxonMobil Santoprene® 8221-55M300 Thermoplastic Vulcanizate - UV Resistant

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

Material Notes:

Product Description: A soft, colorable, UV resistant thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material is designed for automotive interior applications requiring low fogging and good appearance. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding. It is polyolefin based and completely recyclable.**Key Features:**Neutral, easy coloring formulationRecommended for applications requiring excellent flex fatigue resistance.Recommended for applications requiring excellent ozone resistance.Used in sealing applications.EU and China RoHS compliant.**Availability:** Africa & Middle East, Europe, North America, Asia Pacific, Latin America and South AmericaInformation provided by ExxonMobil Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-8221-55M300-Thermoplastic-Vulcanizate-UV-Resistant.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55 @Time 15.0 sec	55 @Time 0.00417 hour	2 mm; ISO 868
Tensile Strength at Break	4.00 MPa	580 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	1.79 MPa @Strain 100 %	260 psi @Strain 100 %	Across Flow; ASTM D412 and ISO 37
Elongation at Break	350 %	350 %	Across Flow; ASTM D412 and ISO 37

Processing Properties	Metric	English	Comments
Drying Temperature	82.2 °C	180 °F	
Dry Time	3 hour	3 hour	

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