

ExxonMobil Santoprene® 8221-65M300 Thermoplastic Vulcanizate - UV Resistant

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

Material Notes:

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 formulation.Excellent ozone resistance.Used in sealing applications.Recommended for applications requiring excellent flex fatigue resistance.EU and China RoHS compliant.Applications: Automotive – grips, Interior and Interior MatUses: Automotive ApplicationsAutomotive Interior PartsOutdoor ApplicationsProcessing Method: Injection Molding and Multi Injection Molding 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-8221-65M300-Thermoplastic-Vulcanizate-UV-Resistant.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.920 g/cc	0.920 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65	65	2 mm; ISO 868
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	4.70 MPa	682 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	2.10 MPa	305 psi	Across Flow; ASTM D412 and ISO 37
	@Strain 100 %	@Strain 100 %	
Elongation at Break	420 %	420 %	Across Flow; ASTM D412 and ISO 37

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-60.0 °C	-76.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Processing Temperature	175 - 230 °C	347 - 446 °F	
Drying Temperature	82.2 °C	180 °F	
Dry Time	3 hour	3 hour	

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