

ExxonMobil Santoprene® 121-75M200 Thermoplastic Vulcanizate - UV Resistant

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

Material Notes:

Product Description: A soft, black, UV resistant thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material is specially formulated with high flow properties and excellent aesthetics for use in injection molded parts such as automotive glass encapsulation. 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:**Designed for fast, easy injection molding, especially for complex part geometries.Designed to be injected at lower molding temperatures or at lower injection pressures.Designed with higher gloss to allow for a wider range of gloss tailoring via mold surface.Designed for parts requiring good aesthetics with minimal to no flow defects or tiger stripes.EU and China RoHS compliant.**Applications:**Automotive- Glass Encapsulation, Seals and Gaskets**Processing Method:** Injection Molding and Multi Injection Molding**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-121-75M200-Thermoplastic-Vulcanizate-UV-Resistant.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76	76	2 mm; ISO 868
Tensile Strength at Break	4.90 MPa	711 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	3.10 MPa @Strain 100 %	450 psi @Strain 100 %	Across Flow; ASTM D412 and ISO 37
Elongation at Break	440 %	440 %	Across Flow; ASTM D412 and ISO 37

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