

ExxonMobil Santoprene® 121-65B200 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 to bond to thermoset EPDM rubber for corner molding, end caps and special applications requiring such adhesion to thermoset EPDM. 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:**Adheres to vulcanized EPDM rubber over wide range of temperatures.High flexibility targeted for dynamic EPDM applications.Higher gloss enables matching EPDM mating surface.Used in sealing applications.EU and China RoHS compliant.**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-121-65B200-Thermoplastic-Vulcanizate-UV-Resistant.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	64	64	2 mm; ISO 868
Tensile Strength at Break	8.10 MPa	1170 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	2.30 MPa @Strain 100 %	334 psi @Strain 100 %	Across Flow; ASTM D412 and ISO 37
Elongation at Break	600 %	600 %	Across Flow; ASTM D412 and ISO 37
Compression Set	22 % @Temperature 23.0 °C, Time 79200 sec	22 % @Temperature 73.4 °F, Time 22.0 hour	ASTM D395B Type 1 and ISO 188 Type A
	48 % @Temperature 70.0 °C, Time 79200 sec	48 % @Temperature 158 °F, Time 22.0 hour	ASTM D395B Type 1 and ISO 188 Type A
	53 % @Temperature 70.0 °C, Time 605000 sec	53 % @Temperature 158 °F, Time 168 hour	ASTM D395B Type 1 and ISO 188 Type A

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China