

ExxonMobil Santoprene® 691-73W175 Thermoplastic Vulcanizate

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

Material Notes:

Product Description: A soft, colorable thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material is designed for thin wall, architectural glazing and sealing applications. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for extrusion or thermoforming. It is polyolefin based and completely recyclable. **Key Features:** Recommended for glazing and sealing applications. Designed for extruding thin sections with excellent definition (down to 0.33 mm [0.023"] radius) Long runs with minimal build-up of material on screen packs or narrow die sections. Recommended for applications requiring excellent ozone resistance. Recommended for applications requiring excellent flex fatigue resistance. EU and China RoHS compliant. Information provided by ExxonMobil Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-691-73W175-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	78	78	2 mm; ISO 868
Tensile Strength at Break	8.30 MPa	1200 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	3.40 MPa @Strain 100 %	493 psi @Strain 100 %	Across Flow; ASTM D412 and ISO 37
Elongation at Break	470 %	470 %	Across Flow; ASTM D412 and ISO 37

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