ExxonMobil Santoprene® 8291-60B500 Thermoplastic Vulcanizate (discontinued **)

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

Material Notes:

Product Description: A soft, colorable, specialty thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. It is especially formulated to bond to PA 6, PA 6/6, PA 6 GF, PA 11, PA 12 and PA 6/12 substrates in applications where hard/soft combinations are required. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding or extrusion. It is completely recyclable.Key Features:Designed for excellent adhesion to PA6, PA6/6, PA6GF, PA11, PA 12 and PA6/12 (cold insert or 2K [two-shot] molding).Broad processing window for injection molding.Recommended for applications requiring superior part surface appearance.EU and China RoHS compliant.Information provided by ExxonMobil Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-8291-60B500-Thermoplastic-Vulcanizate-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	63 @Time 15.0 sec	63 @Time 0.00417 hour	2 mm; ISO 868
Tensile Strength at Break	3.10 MPa	450 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	2.10 MPa @Strain 100 %	305 psi @Strain 100 %	Across Flow; ASTM D412 and ISO 37
Elongation at Break	220 %	220 %	Across Flow; ASTM D412 and ISO 37

Thermal Properties	Metric	English	Comments
Flammability, UL94	HB @Thickness 1.20 mm	HB @Thickness 0.0472 in	UL File Number - E80017
	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058