

ExxonMobil Santoprene® 191-85PA12 Thermoplastic Vulcanizate (discontinued **)

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

Material Notes:

Product Description: A black, specialty thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. It is especially formulated to bond to PA-12 for applications such as co-extruded, thermoformed automotive coolant hose. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding or extrusion. It is polyolefin based and completely recyclable.**Key Features:**Designed for excellent adhesion to PA-12 even after thermoforming of co-extruded corrugated tubes.EU and China RoHS compliant.Information provided by ExxonMobil Chemical.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-191-85PA12-Thermoplastic-Vulcanizate-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	87	87	2 mm; ISO 868
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	8.10 MPa	1170 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	5.00 MPa	725 psi	Across Flow; ASTM D412 and ISO 37
	@Strain 100 %	@Strain 100 %	
Elongation at Break	350 %	350 %	Across Flow; ASTM D412 and ISO 37

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