

## ExxonMobil Santoprene® 8211-85M350 Thermoplastic Vulcanizate

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

### Material Notes:

**Product Description:** A hard, colorable thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material is developed to be used as a skin for molding onto rigid polypropylene substrates on automotive interior applications such as door panels and center consoles. For these applications, this grade combines low gloss, high scratch and mar resistance, low emissions (fogging, odor) and "comfort touch". This grade of Santoprene TPV is shear-dependent and can be processed on conventional mono- and multi-component injection molding machines. It is polyolefin based, adheres to and is compatible with polypropylene, and is completely recyclable. **Key Features:** Non-hygroscopic product, requires little to no drying before processing. Neutral, easy coloring formulation. Designed for applications requiring high-flow materials. Cost effective alternative to soft touch paint over PP substrate. EU and China RoHS compliant. Information provided by ExxonMobil Chemical.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Santoprene-8211-85M350-Thermoplastic-Vulcanizate.php](http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-8211-85M350-Thermoplastic-Vulcanizate.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	86	86	2 mm; ISO 868
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	8.80 MPa	1280 psi	Across Flow; ASTM D412 and ISO 37
Elongation at Break	480 %	480 %	Across Flow; ASTM D412 and ISO 37

## Contact Songhan Plastic Technology Co.,Ltd.

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