

## ExxonMobil Santoprene® 121-70M350 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 designed for gap filler applications requiring scratch resistance and good appearance. 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:** Designed for fast, easy injection molding, especially for complex part geometries. Used in sealing applications. Recommended for applications requiring superior part surface appearance. Designed to be injected at lower molding temperatures or at lower injection pressures. 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-121-70M350-Thermoplastic-Vulcanizate-UV-Resistant.php](http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-121-70M350-Thermoplastic-Vulcanizate-UV-Resistant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.930 g/cc	0.930 g/cc	ASTM D792 and ISO 1183

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	2 mm; ISO 868
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	6.20 MPa	899 psi	Across Flow; ASTM D412 and ISO 37
Tensile Stress	2.60 MPa	377 psi	Across Flow; ASTM D412 and ISO 37
	@Strain 100 %	@Strain 100 %	
Elongation at Break	480 %	480 %	Across Flow; ASTM D412 and ISO 37
Compression Set	40 %	40 %	ASTM D395B Type 1 and ISO 188 Type A
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

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