

**ExxonMobil Santoprene® 201-68W228 Thermoplastic Elastomer (discontinued \*\*)**

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

**Material Notes:**

A soft, colorable thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material is specially formulated for low density foamed profile extrusion applications and has long term sealability, low temperature flexibility and heat weldability. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for extrusion. It is polyolefin based and completely recyclable. Water can be used as physical foaming agent. Recommended for applications requiring excellent ozone resistance. Information provided by Advanced Elastomer Systems

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Santoprene-201-68W228-Thermoplastic-Elastomer-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-201-68W228-Thermoplastic-Elastomer-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	23°C; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68	68	.12 in; ASTM D2240
Tensile Strength at Break	6.89 MPa	1000 psi	Across Flow; ASTM D412
Tensile Strength, Ultimate	2.69 MPa	390 psi	Across Flow; ASTM D412
Elongation at Break	450 %	450 %	Across Flow; ASTM D412

Processing Properties	Metric	English	Comments
Processing Temperature	175 - 230 °C	347 - 446 °F	
Drying Temperature	82.2 °C	180 °F	
Dry Time	3 hour	3 hour	

Descriptive Properties	Value	Comments
Change in Mass in IRM 903 Oil at 257°F for 70 hr	87	
Color	Natural Color	
Form	Pellets	

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