

Thermoplastic Vulcanizate

Key Features

- Neutral, easy coloring formulation.
- Recommended for applications requiring excellent ozone resistance.
- Used in sealing applications.
- Recommended for applications requiring excellent flex fatigue resistance.
- Designed for improved UV resistance.

Availability ¹	- Africa & Middle East - Asia Pacific	- Europe - Latin America	North America
Applications	Automotive - Grips	Automotive - Interior	Automotive - Interior Mat
Uses	Automotive Applications	Automotive Interior Parts	Outdoor Applications
RoHS Compliance	RoHS Compliant		
Color	Natural Color		
Form(s)	Pellets		
Processing Method	Injection Molding	Multi Injection Molding	
Revision Date	06/20/2014		

Hardness	Typical Value (English)	Typical Value (SI)	Test Based On
Shore Hardness			ISO 868
Shore D, 15 sec, 73°F (23°C)	26	26	

Elastomers	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Stress at 100% - Across Flow (73°F (23°C))	769 psi	5.30 MPa	ASTM D412
Tensile Stress at 100% - Across Flow (73°F (23°C))	769 psi	5.30 MPa	ISO 37
Tensile Strength at Break - Across Flow (73°F (23°C))	1350 psi	9.30 MPa	ASTM D412
Tensile Stress at Break - Across Flow (73°F (23°C))	1350 psi	9.30 MPa	ISO 37
Elongation at Break - Across Flow (73°F (23°C))	490 %	490 %	ASTM D412
Tensile Strain at Break - Across Flow (73°F (23°C))	490 %	490 %	ISO 37

Injection	Typical Value (English)	Typical Value (SI)
Drying Temperature	180 °F	82 °C
Drying Time	3.0 hr	3.0 hr

Santoprene™ TPV is incompatible with acetal and PVC. For more information regarding processing and mold design, please consult our Injection Molding Guide.

Where applicable, test results based on fan gated, injection molded plaques.
Tensile strength, elongation and tensile stress are measured across the flow direction - ISO type 1, ASTM die C.
All products purchased directly from an ExxonMobil affiliate in Europe are REACH compliant. For products not imported into Europe by ExxonMobil, customers should assess their legal responsibilities under REACH.

Santoprene™ 8223-30M300

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Legal Statement

This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of ExxonMobil Chemical as to the intended use. For detailed Product Stewardship information, please contact Customer Service.

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Processing Statement

Desiccant drying for 3 hours at 80°C (180°F) is recommended. Santoprene™ TPV has a wide temperature processing window from 175 to 230°C (350 to 450°F) and is incompatible with acetal and PVC. For more information, please consult our Safety Data Sheet and Injection Molding Guide.

Notes

Typical properties: these are not to be construed as specifications.

¹ Product may not be available in one or more countries in the identified Availability regions. Please contact your Sales Representative for complete Country Availability.

For additional technical, sales and order assistance: www.exxonmobilchemical.com/ContactUs

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