

**Milastomer™ 8032NS**

Mitsui Chemicals America, Inc. - *Thermoplastic Vulcanizate*
**General Information**
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Material Status	• Commercial: Active
Availability	• North America
Uses	• Flexible Grips • Gaskets • Weatherstripping
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Extrusion • Injection Molding

**Properties <sup>1</sup>**

Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	15	g/10 min	ISO 1133
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>2</sup> (100% Strain)	479	psi	ISO 37
Tensile Stress <sup>2</sup> (Break)	972	psi	ISO 37
Tensile Elongation <sup>2</sup> (Break)	520	%	ISO 37
Compression Set			ISO 815
73°F, 22 hr	30	%	
158°F, 22 hr	52	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 48
Shore A	81		
Shore A, 5 sec	77		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°F	Internal Method

**Additional Information**

All tests performed according to Mitsui methods.

**Notes**
<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 20 in/min
