

**Milastomer™ S-808BS**

Mitsui Chemicals America, Inc. - *Thermoplastic Vulcanizate*
**General Information**
**General**

Material Status	• Commercial: Active
Availability	• North America
Features	• High Flow
Uses	• Flexible Grips      • Gaskets
Appearance	• Black
Forms	• Pellets
Processing Method	• Injection Molding

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

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density	0.880	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ISO 1133
<b>Elastomers</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Stress <sup>2</sup> (100% Strain)	522	psi	ISO 37
Tensile Stress <sup>2</sup> (Break)	827	psi	ISO 37
Tensile Elongation <sup>2</sup> (Break)	450	%	ISO 37
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Shore Hardness			ISO 48
Shore A	87		
Shore A, 5 sec	84		
<b>Thermal</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
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
