

**Milastomer™ M4400BS**

Mitsui Chemicals America, Inc. - *Thermoplastic Vulcanizate*
**General Information**
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Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>North America</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Gaskets</li> <li>Weatherstripping</li> </ul>
Appearance	<ul style="list-style-type: none"> <li>Black</li> </ul>
Forms	<ul style="list-style-type: none"> <li>Pellets</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Extrusion</li> </ul>

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

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.40	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)	1570	psi	ISO 37
Tensile Stress <sup>2</sup> (Break)	2420	psi	ISO 37
Tensile Elongation <sup>2</sup> (Break)	680	%	ISO 37
<b>Hardness</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Shore Hardness (Shore D, 5 sec)	49		ISO 48
<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
