

**Milastomer™ S-650BS**

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

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>
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>Injection Molding</li> </ul>

**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)	180	g/10 min	ISO 1133
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>2</sup> (100% Strain)	319	psi	ISO 37
Tensile Stress <sup>2</sup> (Break)	725	psi	ISO 37
Tensile Elongation <sup>2</sup> (Break)	490	%	ISO 37
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 48
Shore A	68		
Shore A, 5 sec	64		
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
