

Milastomer™ M3800NS

Mitsui Chemicals America, Inc. - *Thermoplastic Vulcanizate*

General Information

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Material Status	• Commercial: Active
Availability	• North America
Uses	• Flexible Grips
Appearance	• Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	19	g/10 min	ISO 1133
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (100% Strain)	1450	psi	ISO 37
Tensile Stress ² (Break)	1990	psi	ISO 37
Tensile Elongation ² (Break)	650	%	ISO 37
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D, 5 sec)	41		ISO 48
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-76.0	°F	Internal Method

Additional Information

All tests performed according to Mitsui methods.

Notes

¹ Typical properties: these are not to be construed as specifications.

² 20 in/min

