

Milastomer™ S-350B

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

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Features	<ul style="list-style-type: none"> Low Hardness
Appearance	<ul style="list-style-type: none"> Black
Forms	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> 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)	1.1	g/10 min	ISO 1133
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (100% Strain)	116	psi	ISO 37
Tensile Stress ² (Break)	363	psi	ISO 37
Tensile Elongation ² (Break)	490	%	ISO 37
Compression Set (158°F, 22 hr)	28	%	ISO 815
Hardness	Nominal Value	Unit	Test Method
Shore Hardness			ISO 48
Shore A	37		
Shore A, 5 sec	31		
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
