

Milastomer™ S-650BS

Thermoplastic Vulcanizate

Mitsui Chemicals America, Inc.

Message:

Milastomer™S-650BS is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America and is processed by injection molding.

General Information			
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	180	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ISO 48
Shaw A	68		ISO 48
Shaw A, 5 seconds	64		ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	2.20	MPa	ISO 37
Tensile Stress ² (Break)	5.00	MPa	ISO 37
Tensile Elongation ³ (Break)	490	%	ISO 37
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -60.0	°C	Internal method
Additional Information			
All tests performed according to Mitsui methods.			
NOTE			
1.	500 mm/min		
2.	500 mm/min		
3.	500 mm/min		

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Recommended distributors for this material

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