

Milastomer™ S-350B

Thermoplastic Vulcanizate

Mitsui Chemicals America, Inc.

Message:

Milastomer™S-350B is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America and is processed by injection molding. Milastomer™The main characteristics of the S-350B are: low hardness.

General Information			
Features	Hardness, low		
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/2.16 kg)	1.1	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ISO 48
Shaw A	37		ISO 48
Shaw A, 5 seconds	31		ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	0.800	MPa	ISO 37
Tensile Stress ² (Break)	2.50	MPa	ISO 37
Tensile Elongation ³ (Break)	490	%	ISO 37
Compression Set (70°C, 22 hr)	28	%	ISO 815
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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