

# Milastomer™ S-250B

Thermoplastic Vulcanizate

Mitsui Chemicals America, Inc.

## Message:

Milastomer™S-250B 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-250B 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 <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.3	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ISO 48
Shaw A	22		ISO 48
Shaw A, 5 seconds	16		ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (100% Strain)	0.400	MPa	ISO 37
Tensile Stress <sup>2</sup> (Break)	1.50	MPa	ISO 37
Tensile Elongation <sup>3</sup> (Break)	500	%	ISO 37
Compression Set			ISO 815
23°C, 22 hr	8.0	%	ISO 815
70°C, 22 hr	24	%	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

# Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

