

# Milastomer™ 5517BS

Thermoplastic Vulcanizate

Mitsui Chemicals America, Inc.

## Message:

Milastomer™5517BS is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America and is processed by injection molding.

The main characteristics of 5517BS are: high liquidity.

Typical application areas include:

engineering/industrial accessories

Handle

General Information			
Features	High liquidity		
Uses	Washer Soft handle		
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/10.0 kg)	100	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ISO 48
Shaw A	60		ISO 48
Shaw A, 5 seconds	55		ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (100% Strain)	1.70	MPa	ISO 37
Tensile Stress <sup>2</sup> (Break)	3.40	MPa	ISO 37
Tensile Elongation <sup>3</sup> (Break)	400	%	ISO 37
Compression Set			ISO 815
23°C, 22 hr	27	%	ISO 815
70°C, 22 hr	43	%	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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