

Milastomer™ 5020BS

Thermoplastic Vulcanizate

Mitsui Chemicals America, Inc.

Message:

Milastomer™5020BS is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America and is processed by extrusion. Milastomer™The typical application areas of 5020BS are: engineering/industrial accessories

General Information			
Uses	Washer		
	Weather-resistant sealing strip		
Appearance	Black		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.880	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ISO 48
Shaw A	54		ISO 48
Shaw A, 5 seconds	49		ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ¹ (100% Strain)	1.30	MPa	ISO 37
Tensile Stress ² (Break)	3.50	MPa	ISO 37
Tensile Elongation ³ (Break)	450	%	ISO 37
Compression Set			ISO 815
23°C, 22 hr	26	%	ISO 815
70°C, 22 hr	45	%	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		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

