

# Milastomer™ 8032NS

Thermoplastic Vulcanizate

Mitsui Chemicals America, Inc.

## Message:

Milastomer™8032NS is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America and is processed by extrusion or injection molding.

Typical application areas include:  
engineering/industrial accessories  
Handle

General Information	
Uses	Washer
	Weather-resistant sealing strip
	Soft handle
Appearance	Natural color
Forms	Particle
Processing Method	Extrusion
	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)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ISO 48
Shaw A	81		ISO 48
Shaw A, 5 seconds	77		ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup> (100% Strain)	3.30	MPa	ISO 37
Tensile Stress <sup>2</sup> (Break)	6.70	MPa	ISO 37
Tensile Elongation <sup>3</sup> (Break)	520	%	ISO 37
Compression Set			ISO 815
23°C, 22 hr	30	%	ISO 815
70°C, 22 hr	52	%	ISO 815
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -60.0	°C	Internal method

Additional Information
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All tests performed according to Mitsui methods.

NOTE	
1.	500 mm/min
2.	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

