

## Special Metals Nitinol High-Temperature Shape Memory Ni-Ti alloy Ribbon

Category : Metal , Electronic/Magnetic Alloy , Nonferrous Metal , Nickel Alloy , Titanium Alloy

### Material Notes:

Special Metals Corporation is a producer of a series of "Nitinol" and other shape memory alloys used for a range of applications from precision engineering to medical technology.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Special-Metals-Nitinol-High-Temperature-Shape-Memory-Ni-Ti-alloy-Ribbon.php](http://www.lookpolymers.com/polymer_Special-Metals-Nitinol-High-Temperature-Shape-Memory-Ni-Ti-alloy-Ribbon.php)

Physical Properties	Metric	English	Comments
Density	6.50 g/cc	0.235 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 1210 MPa	>= 175000 psi	
Elongation at Break	>= 5.0 %	>= 5.0 %	

Thermal Properties	Metric	English	Comments
Melting Point	1300 Â°C	2370 Â°F	

Component Elements Properties	Metric	English	Comments
Carbon, C	<= 0.050 %	<= 0.050 %	
Hydrogen, H	<= 0.0050 %	<= 0.0050 %	
Iron, Fe	<= 0.050 %	<= 0.050 %	
Nickel, Ni	55 - 56 %	55 - 56 %	
Other	<= 0.010 %	<= 0.010 %	
Oxygen, O	<= 0.050 %	<= 0.050 %	
Titanium, Ti	43.835 - 45 %	43.835 - 45 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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