

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

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.php

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

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	>= 1240 MPa	>= 180000 psi	
Elongation at Break	8.0 %	8.0 %	max strain recovery
	>= 12 %	>= 12 %	

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.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China