

Technical Data Sheet

Product Name: Nitinol Spring
Catalog No.: NT0404
Size: Customized
Color: Grey
Density: 6.45 g/cm³



Specification

Form	Wire Diameter (mm)	Free Length (mm)	Spring Spacing (mm)
Spring	1.5	150	1.5
		300	
		500	

Chemical Composition (%)

Product	Ni	Ti	C	N+O
Nitinol Spring	55.5~56.5	Bal.	≤0.07	≤0.07

Properties

Properties	Unit	Value
Density	g/cm ³	6.46
Melting Point	°C	1300
Poisson's Ratio	-	0.33
Specific Heat	cal/g·°C	0.20
Tensile Strength	MPa	894
Thermal Conductivity	W/cm	0.18
Thermal Expansion	/°C	11.0 x 10 ⁻⁶

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By..... *Norman*