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## Nichrome 60 & 62 / 16

### Nominal Data Sheet

#### Nominal Composition

<b>Chromium:</b>	16.0%
<b>Iron:</b>	Balance
<b>Silicone</b>	1.5%
<b>Nickel:</b>	60.0%

#### Typical Mechanical Properties for Annealed Wire

<b>Ultimate Tensile Strength</b>		200,000 lb/in <sup>2</sup>	Hard Drawn
<b>Specific Resistance</b>		675 Ohms per Circular Mil foot at 68°F	
<b>Elongation in 2" *</b>		20%	
<b>Specific Gravity</b>		8.25%	

#### Physical Properties

<b>Density</b>		0.2979 lbs/cu/in
<b>Melting Point (approx.)</b>		1350°C
<b>Electrical Resistivity @ RT</b>		112 Microm <sup>2</sup> cm
<b>Temperature Coefficient of Resistivity (20° to 500°C)</b>		0.00015 Ohms
<b>Linear Expansion Coefficient (20° to 1000°C)</b>		17.5 x 10 <sup>6</sup> / °C
<b>Thermal Conductivity @ 100°C</b>		0.132 W/cm/°C
<b>Magnetic Attraction</b>		Para

To be used as a guideline only.

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