

# Certificate of analysis

**Nickel Chromium wire, 1.6mm (0.064in) dia**

**Stock Number: 42838**

**Lot Number: G06S008**

## Typical Analysis

Nickel	80 % nominal
Chromium	20 % nominal
Density	0.3039 lb/in <sup>3</sup>
Specific gravity	8.412
Melting point	1400°C (2550°F)
Tensile strength	Approx. 120,000 psi
Yield strength	60,000 psi
Elongation	35 %
Resistance at 68°F	0.1588 ohms/ft
Thermal EMF vs PT 67	Approx. +0.13 mvolts/°C
Temperature coefficient of resistance	+0.000085 ohms/ohm/°C
Coefficient of linear expansion	0.0000132 in/in (up to 105°C)

Certified by:



Quality Control

This document has been electronically generated and does not require a signature.