

Specification Sheet

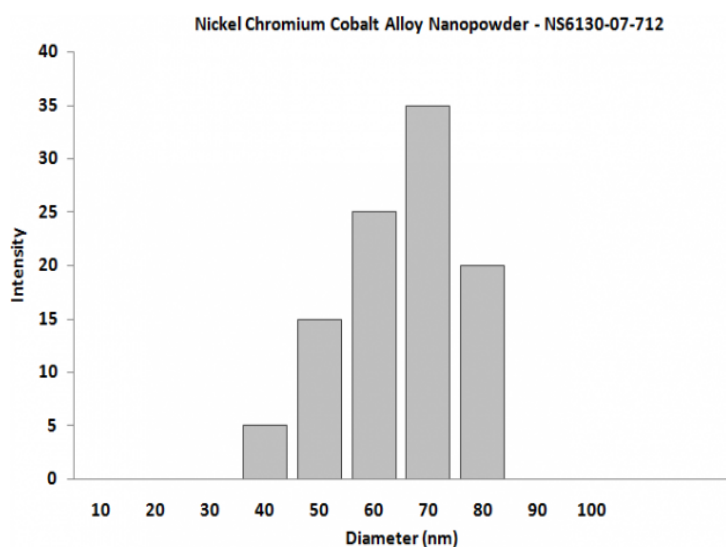
Ni:Cr:Co, 99.9%, <80nm

Stock No: NS6130-07-712, CAS: 7440-02-0 / 7440-47-3 /
7440-48-4

Product	:	Nickel Chromium Cobalt Alloy Nanopowder
Stock No	:	NS6130-07-712
CAS	:	7440-02-0 / 7440-47-3 / 7440-48-4
Purity	:	99.9%
APS	:	< 80nm
Molecular Formula	:	Ni:Cr:Co
Density	:	8.18 g/cm ³
Melting Point	:	1370 °C
Thermal Conductivity	:	10.89 W/mK
Coefficient of Expansion	:	12.7 µm/m °C (20 - 100°C)
Modulus of Rigidity	:	82.5 kN/mm ²
Thermal Expansion	:	13 µm/m-K
Poisson's Ratio	:	0.32
Young's Modulus	:	240 GPa
Tensile Strength	:	1030 MPa
Specific Heat	:	430 J/kg-K
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of Ni:Cr:Co, 99.9%, <80nm



Particles Size Analysis - Nickel Chromium Cobalt Alloy Nanopowder

