

Specification Sheet

Fe:Si, Purity: 99.9%, APS: <80nm

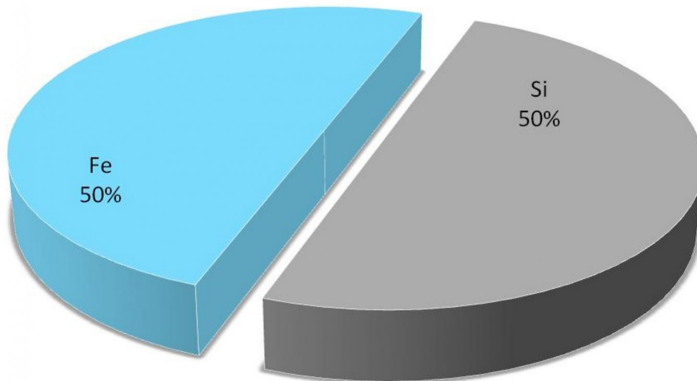
Stock No: NS6130-07-714, CAS: 8049-17-0

Product	:	Iron Silicon Alloy Nanopowder
Stock No	:	NS6130-07-714
CAS	:	8049-17-0
Purity	:	99.9%
APS	:	< 80nm
Molecular Formula	:	Fe:Si
Color	:	Metallic Silver Grey
Melting Point	:	1220-1400 °C
Relative Density	:	2.5 – 7.3 g/cm ³
Specific Gravity (water = 1)	:	5.4
Vapor Pressure	:	1 mmHg (1724 °C)
Auto-ignition temperature	:	>400 °C
Solubility	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

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

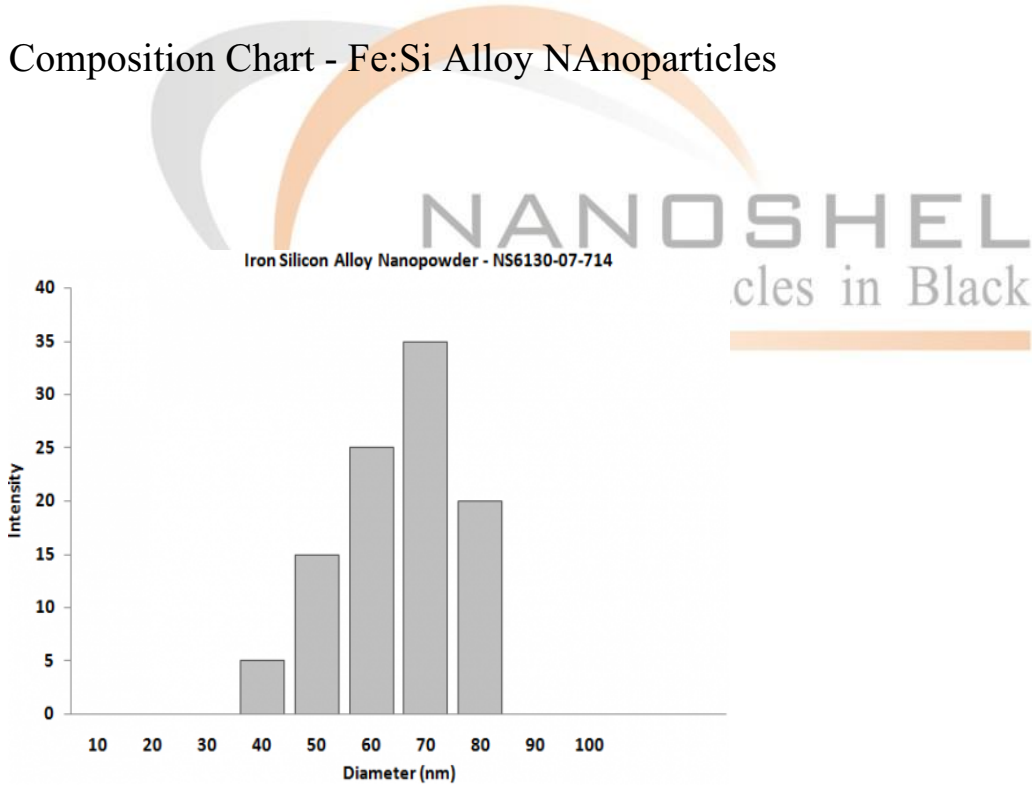
Characterization of Fe:Si, Purity: 99.9%, APS: <80nm

Iron Silicon Alloy Nanopowder



Composition Chart

Composition Chart - Fe:Si Alloy Nanoparticles



Particles Size Analysis - Iron Silicon Alloy Nanopowder