

## Specification Sheet

### Silicon Nanopowder

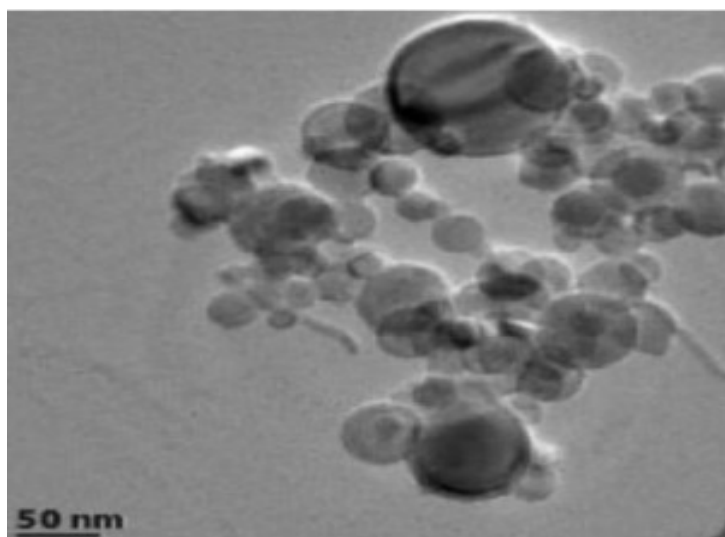
(Si, Purity: >99%, APS: < 100 nm)

Stock No: NS6130-01-141, CAS: 7440-21-3

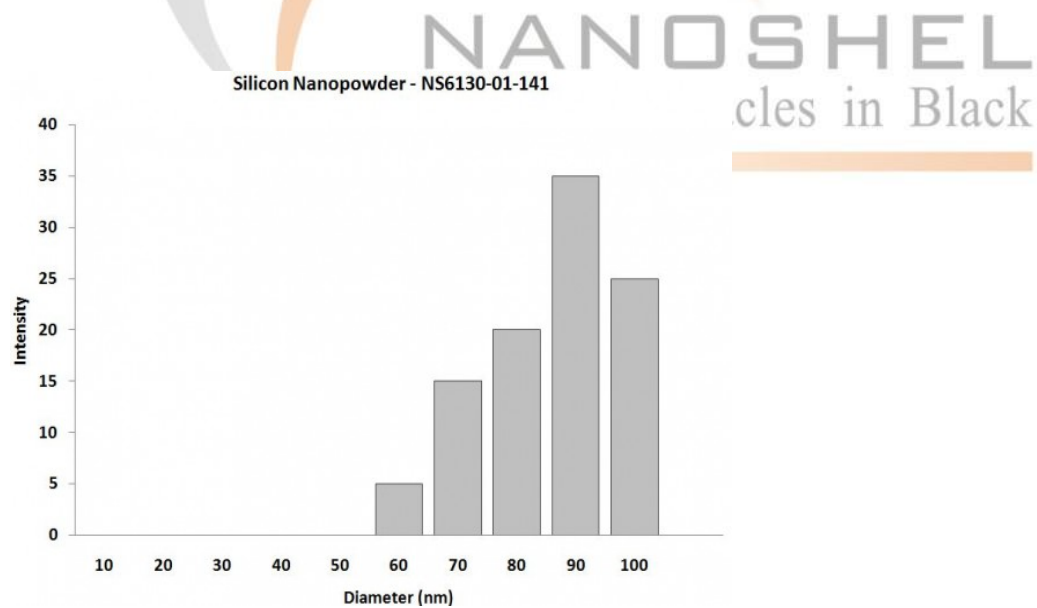
<b>Product</b>	:	<b>Silicon Nanopowder</b>
Stock No	:	NS6130-01-141
CAS	:	7440-21-3
Purity	:	>99 %
APS	:	< 100nm
Molecular Formula	:	Si
Molecular Weight	:	28.085 g/mol
Form	:	Powder
Color	:	Black
Density	:	2.329 g/cm <sup>3</sup>
Melting Point	:	1414 °C
Boiling Point	:	2355 °C
Poisson's Ratio	:	0.064-0.28
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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

## Characterization of Silicon Nanopowder



### TEM - Silicon Nanoparticles



### Particles Size Analysis - Si Nanopowder