

Specification Sheet

Silicon Carbide Nanoparticles

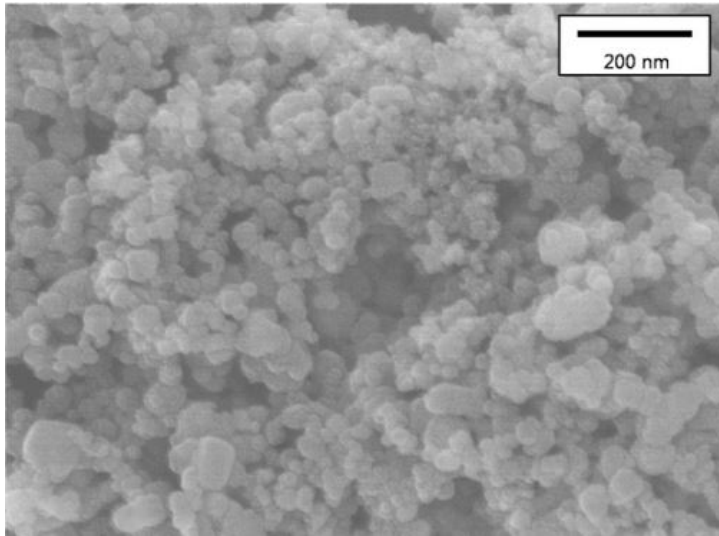
(SiC, beta, Purity: 99.9%, APS: 45-65nm)

Stock No: NS6130-02-209, CAS: 409-21-2

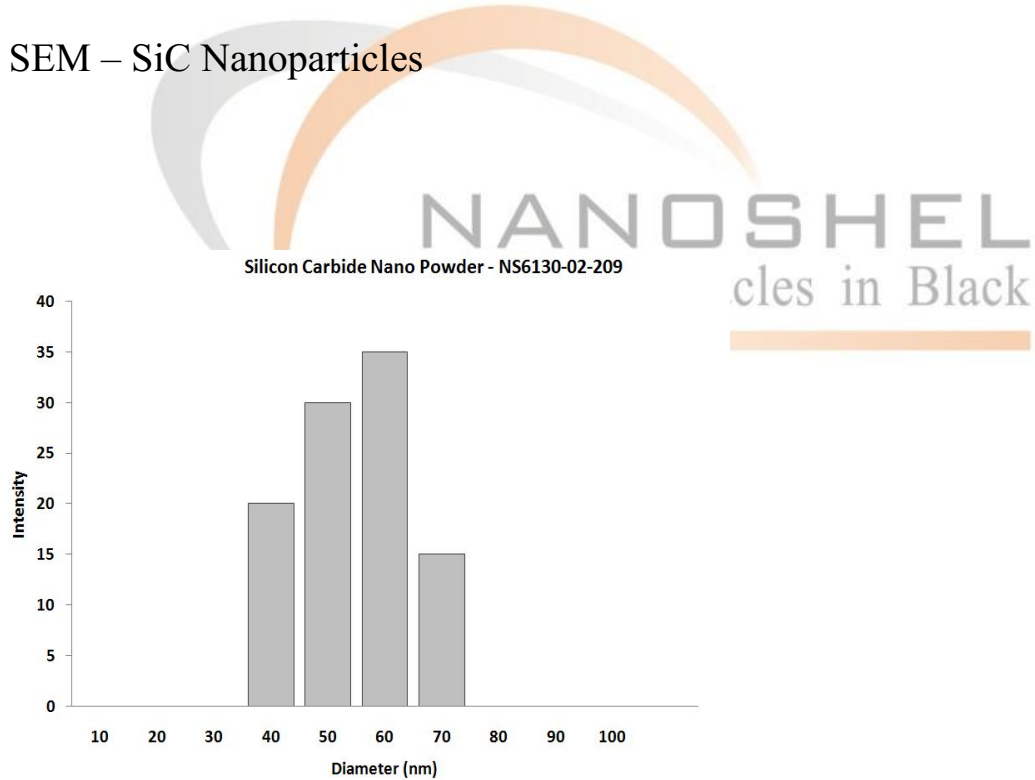
Product	:	Silicon Carbide Nanoparticles
Stock No.	:	NS6130-02-209
CAS	:	409-21-2
APS	:	45-65nm
Purity	:	99.9 %
Molecular Formula	:	SiC
Molecular Weight	:	40.1g/mol
Form	:	Powder
Crystal Type	:	Beta
Color	:	Gray Green/Black
Density	:	3.2 g/cm ³
Melting Point	:	2730°C
SSA	:	35-40 m ² /g
Solubility	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

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

Characterization of Silicon Carbide Nanoparticles



SEM – SiC Nanoparticles



Silicon Carbide Nanopowder – Size Analysis