

SILICON CARBIDE Nanopowder

Silicon carbide, exceedingly hard, synthetically produced crystalline compound of silicon and carbon. Its chemical formula is SiC. More recently, it has found application in refractory linings and heating elements for industrial furnaces, in wear-resistant parts for pumps and rocket engines, and in semiconductor substrates for light-emitting diodes.

- Used in the manufacture of fast, high temperature and high voltage devices.
- Used in lining work for its uniformity abrasion resistance and dimensional stability.
- Used in the manufacture of electronic appliances such as light emitting diodes (LEDs) and detectors.

Quick Facts

Product	:	Silicon Carbide Nanopowder
Stock No	:	NS6130-12-000384
CAS	:	409-21-2
Form	:	Powder
Purity	:	99.9%
APS	:	80-100nm

Technical Specification

Molecular Formula	:	SiC
Molecular Weight	:	40.096g/mol
Density	:	3.16g/cm ³
Melting Point	:	2830°C



APS
80-100nm

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ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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