

NS6130-02-281

SILICON CARBIDE

Nanoparticles

uick Facts

Silicon Carbide Nanoparticles

Product Stock No

NS6130-02-281

CAS

409-21-2

Molecular Formula

SiC

Form

Powder

Purity 99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
40.10g/mol	3.2g/cm³	2830°C	<90nm

Silicon carbide is widely used as an abrasive. It is used to make various materials such as sandpapers, grinding wheels, cutting tools, hard ceramics, automobile parts, refractory linings, high temperature bricks, heating elements, wear-resistant parts for pumps and rocket engines, and even jewelry. It is also an important material in the electronics industry and used for making light-emitting diodes (LEDs) and semiconductor devices.





Application

- Suction box covers
- Seals, bearings
- Ball valve parts
- Hot gas flow liners
- Heat exchangers
- Semiconductor process equipment

APS <90nm









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