

NS6130-02-205

SILICON CARBIDE

Whiskers

Quick Facts

Product	:	Silicon Carbide Whiskers
Stock No	:	NS6130-02-205
CAS	:	409-21-2
Molecular Formula	:	SiC
Form	:	Powder

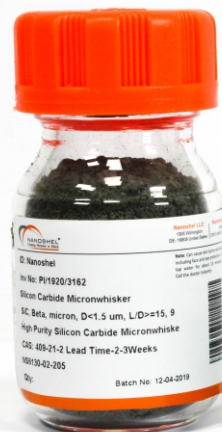
Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	Purity
40.10 g/mol	3.2 g/cm ³	2700 °C	99.9%

Silicon carbide has been focused on by many researchers because of its outstanding mechanical and chemical properties. Silicon carbide whiskers are important for the reinforcement of ceramic matrix composites. Silicon carbide (SiC) whiskers are fiberlike materials with a wide range of industrial applications.

- ✓ Reinforcement materials for hard ceramics used in cutting tools
- ✓ For turbines and jet engines
- ✓ Reinforcement materials for hard ceramics for wear resistant applications
- ✓ Excellent abrasion resistance than hardened steels
- ✓ Ceramics capable of microwave heating
- ✓ For cooking and industrial heating



SiC



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911