

# SiC

## SILICON CARBIDE SPUTTERING TARGET

Silicon carbide which has the chemical formula of SiC, is a semiconductor containing silicon and carbon. silicon carbide can be bonded together by sintering to form very hard ceramics that are widely used in applications requiring high endurance, such as car brakes, car clutches and ceramic plates in bulletproof vests. Silicon Carbide can be highly polished and has potential for space-based mirrors, because of its high specific strength and stiffness compared with those of glass.

### Quick Facts

Product	:	Silicon Carbide Sputtering Target
Stock No	:	NS6130-10-1256
CAS	:	409-21-2
Backing Plate	:	(As per Customer requirement)

### Additional Characteristics

Stock No.	Purity	Diameter	Thickness
NS6130-10-1256	99.99%	50.8 mm $\pm$ 1mm	3 mm $\pm$ 0.5mm

### Technical Specification

Molecular Formula	Molecular Weight	Melting Point
SiC	40.1g/mol	2730°C



Follow us:



| [www.nanoshel.com](http://www.nanoshel.com) | [sales@nanoshel.com](mailto:sales@nanoshel.com)



#### 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

ISO 9001:2015  
CERTIFIED COMPANY



High Purity  
SPUTTERING  
TARGET