

# HAFNIUM

## CARBIDE Micropowder

Hafnium carbide (Hf C) is a chemical compound of hafnium and carbon. With a melting point of about 3900 °C it is one of the most refractory binary compounds known. However, it has a low oxidation resistance, with the oxidation starting at temperatures as low as 430 °C. This compound will be soon be seen on future spacecrafts functioning as heat-resistant shields.



### Quick Facts

Product	: Hafnium Carbide Micropowder
Stock No	: NS6130-12-000640
CAS	: 12069-85-1
Form	: Powder

### TECHNICAL Specification

APS	: 40-50µm
Purity	: 99.5%
Molecular Weight	: 190.05g/mol
Density	: 12.2g/cm <sup>3</sup>
Melting Point	: 2930°C



**APS**  
40-50µm

**PURITY**  
99.5%







### Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



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



2021CE4589C



18ZAZ001274G



2021CE4588M

ISO 9001:2015  
CERTIFIED COMPANY

**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