

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.



APS
40-50µm

PURITY
99.5%



Packing Sizes:

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



Follow us:



| www.nanoshel.com | sales@nanoshel.com

INTELLIGENT MATERIALS PVT LTD

Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

HfC

CAS
12069-85-1

NS6130-12-000640

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 ³
Melting Point	:	3900°C



20ZICE4589C



18ZAZG01274G



20ZICE4588M

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