

V_4AlC_3 | MAX Phase



Vanadium Aluminium Carbide Powder

Catalogue no -

NS6130-12-001539

Follow us:

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



 NEXT

Vanadium

Aluminium Carbide Powder

V₄AlC₃ | MAX Phase

Catalogue no - **NS6130-12-001539**

V₄AlC₃ belongs to the intriguing class of materials of so-called MAX phases that are ternary carbides and nitrides crystallizing in a layered crystal structure with space group P6₃/mmc. They exhibit excellent mechanical properties combining characteristics of metals as well as ceramics.

Quick Facts

Product	:	Tantalum Aluminium Carbide
Stock No	:	NS6130-12-001539
CAS	:	1019635-34-7
Molecular Formula	:	V ₄ AlC ₃
Molecular Weight	:	266.78g/mol
Form	:	Powder
Colour	:	Dark Gray to Black



Packing Sizes:

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



Properties:

- ✓ Exceedingly damage-tolerant
- ✓ Thermal-shock-resistant
- ✓ Good electrical and thermal conductors
- ✓ Thermal shock resistant
- ✓ Damage tolerant

Applications:

- ✓ Ceramic materials
- ✓ Electronic materials
- ✓ High temperature structural materials
- ✓ Electrode brush materials
- ✓ Chemical anti-corrosion materials
- ✓ High temperature heating materials.

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



20ZICE4588C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

Follow us:

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

