

NS6130-12-002339

VANADIUM TANTALUM

Aluminium Carbide
Powder

Quick Facts

Product	:	Vanadium Tantalum Aluminium Carbide
Stock No	:	NS6130-12-002339
Molecular Formula	:	VTaAlC
Form	:	Powder
Purity	:	99.9%

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Vanadium tantalum aluminum carbide (VTAC) powder, are a class of advanced ceramics that exhibit a unique combination of properties, blending characteristics of both metals and ceramics. Used as coatings for components operating in high-temperature environments, such as gas turbine engine components, exhaust systems, and heat exchangers. Max phase materials are also employed in the production of refractory components for furnace linings, crucibles, and other high-temperature applications.

VTaAlC

Applications

- High-temperature Coatings
- Cutting Tools and Wear Components
- Refractory Components
- Ceramic Matrix Composites (CMCs)
- Nuclear Applications
- Electrical and Thermal Conductors



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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