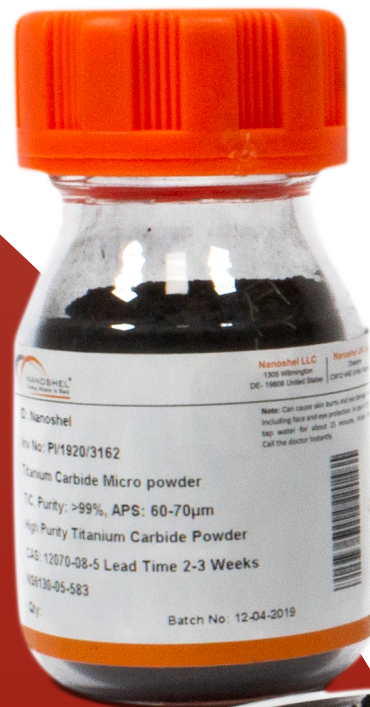


TITANIUM CARBIDE POWDER

Stock No: NS6130-05-583



ZrB_2



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Titanium Carbide Powder

Titanium carbide which has the chemical formula of TiC attracted great interest for many structural applications due to its extremely high melting temperature, high hardness, high chemical resistance and good electrical conductivity. Titanium carbide can be used in cutting tools, grinding wheels, wear-resistant coatings, high temperature heat exchangers, magnetic recording heads, turbine engine seals, and bullet-proof vests, etc.

TiC powder is widely used in oil exploration, aerospace, mine excavation, machinery tools, marine facilities, and other fields. As hardness material, it's widely used as the thermal spray coating powder material, the welding material, the flinty membranous material, the military aviation material, the hard alloy, and the cermet.

Quick Facts

Product	:	Titanium Carbide Powder
Color	:	Black Powder
Stock No	:	NS6130-05-583
CAS	:	12070-08-5
Purity	:	>99.9%
APS	:	<50µm

Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
ZrB ₂	59.89 g/mol	4.93 g/cm ₃	3160 °C

Applications

- Hard film materials
- Military aviation materials
- Carbide and cermets
- Aerospace, mine excavation, machinery tools, marine facilities
- flame spraying, plasma spraying, HVOF (high-velocity oxy-fuel).

ISO 9001:2015
CERTIFIED COMPANY



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