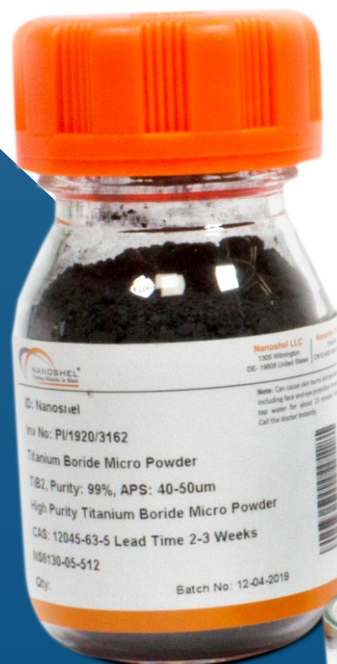


TITANIUM DIBORIDE POWDER

Stock No: NS6130-05-512



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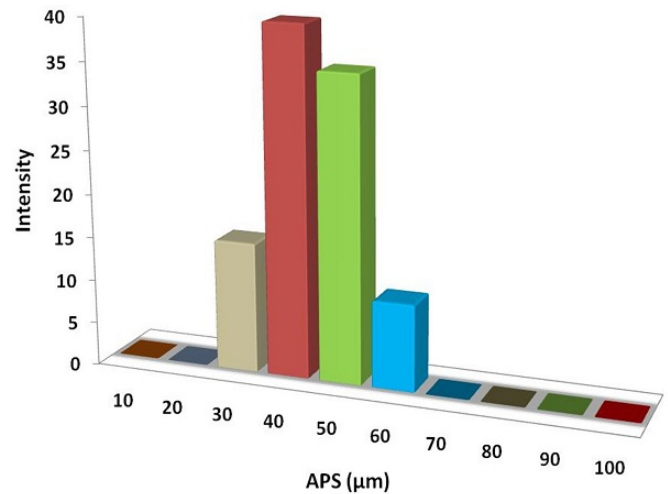
Titanium Diboride Powder

Titanium diboride is a hard refractory material with a high melting point, low electrical resistivity and high thermal conductivity. titanium diboride powders are used for wear protection applications in a variety of industries, including ceramic manufacturing, plant engineering, chemical processing and construction. Titanium diboride offers excellent resistance to abrasion, chemical attack, extreme heat and high pressures.

Titanium diboride, due to excellent electrical conductivity and excellent resistance to corrosion of molten metal. Has become the starting material for making evaporating vessels, melting metal crucibles, cathode of aluminum electrolyzer and other electrodes and contacts.

Quick Facts

Product	:	Titanium Diboride Powder
Color	:	Gray Powder
Stock No	:	NS6130-05-512
CAS	:	12045-63-5
Purity	:	99%
APS	:	40-50µm
Other Metal	:	8500ppm



Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
TiB ₂	69.489 g/mol	4.25 g/cm ₃	2900 °C

Applications

- Aluminum metal processing
- Refractory and aluminum evaporation
- Military vehicle armor
- Electrical and thermal conductivity applications
- Nonreactive, molten nonferrous metal processing

ISO 9001:2015
CERTIFIED COMPANY



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