

# TANTALUM BORIDE POWDER

Stock No: NS6130-12-000940

$\text{TaB}_2$



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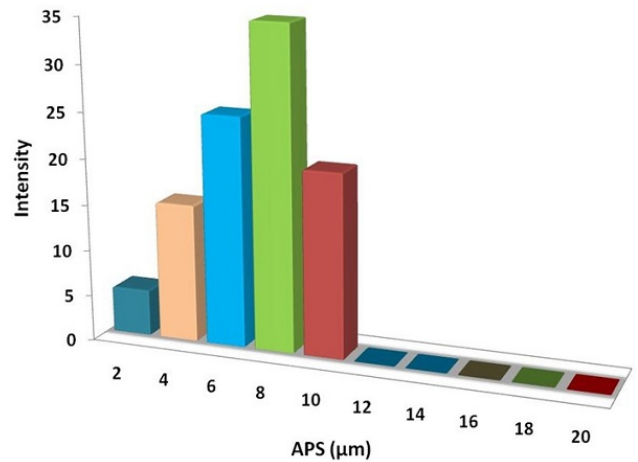
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## Tantalum Boride Powder

The chemical formula for Tantalum Boride or Tantalum Diboride is  $TaB_2$ . It exists as a grey to black powder. Tantalum Boride or Tantalum Diboride displays good chemical stability, extreme refractoriness, good hardness and high thermal conductivity. The elastic properties, electronic structure and thermodynamic behavior of the  $TaB$  have been investigated for the first time in this work.

### Quick Facts

Product	:	Tantalum Boride Powder
Color	:	Gray Powder
Stock No	:	NS6130-12-000940
CAS	:	12007-35-1
Purity	:	99.9%
APS	:	<10 $\mu$ m
Other Metal	:	850ppm



## Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
$TaB_2$	<10 $\mu$ m	6.73g/cm <sub>3</sub>	>3000 °C

## Applications

- Laser ranging, manufacturing and medicine
- Heat exchangers for the equipment construction sector
- Charge carriers for furnace construction, implants for medical technology
- Capacitor components for the electronics industry.

ISO 9001:2015  
CERTIFIED COMPANY



20ZICE4589C



19ZAG01274G



20ZICE4588M

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