

NS6130-05-561

Quick Facts

Product	:	Tantalum Powder
Stock No	:	NS6130-05-561
CAS	:	7440-25-7
Molecular Formula	:	Ta
Form	:	Powder

TANTALUM Powder

Purity
99%

Technical Specification

Molecular Weight	Density	Melting Point	APS
180.95g/mol	16.69g/cm ³	2996°C	40-50µm

Tantalum is a chemical element with the symbol Ta and atomic number 73. Corrosion resistance, Good thermal conductivity, High melting point, Superior gettering characteristics, Good "valve" action, Tough, Durable, & Ductile. Electrical components (capacitors), chemical equipment, missile technology, nuclear reactors, heat exchangers, sputtering targets, and crucibles.

Key Features

- Biocompatible properties
- High resistance to corrosion
- Resistant to high temperature

Applications

- Used in commercially used in tool bits for cutting tools
- used as a fine-crystalline additive to tungsten carbide alloys.
- Used in the production of microwave absorbing materials
- Used in metal powder injection molding material technology field
- Used in all kinds of super hard material
- Used in powder metallurgy products additives



Ta
APS 40-50µm



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