

# NIOBIUM POWDER

Nb



NS6130-05-562



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40-50 $\mu$ m

# Niobium Powder

Niobium powder are by far the most relevant and important ones in terms of industrial and research applications. Niobium powder shaped as thin films, porous nanoparticles and nanowires have important application in various fields including catalysis, ion-exchange, adsorption, enzyme immobilization, highly sensitive sensors, photo/electrochemical luminescent devices, optical fibers and electro-optical device, piezoelectric materials, high-power batteries, biocompatible etc.

## Quick Facts

Product	:	Niobium Powder
Stock No	:	NS6130-05-562
CAS	:	7440-03-1
Purity	:	99%
APS	:	40-50 $\mu$ m

## Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
Nb	92.91g/mol	8.57 g/cm <sub>3</sub>	2468 °C

- Used in production of superalloys and high-entropy alloys.
- Used in prosthetics and implant devices
- High-temperature components, especially for the aerospace industry
- Filters
- Certain corrosion-resistant applications



ISO 9001:2015  
CERTIFIED COMPANY



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