

NS6130-12-001862

Quick Facts

Product	:	Niobium Hydride Powder
Stock No	:	NS6130-12-001862
CAS	:	13981-86-7
Molecular Formula	:	NbH ₅
Purity	:	99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
97.94g/mol	6.6g/cm ³	500°C	10µm

Niobium hydride is a chemical compound composed of niobium and hydrogen. Its chemical formula is NbH. Niobium hydride is used in the production of superconducting materials. Superconductors have zero electrical resistance at low temperatures, making them useful in a range of applications, including MRI machines and particle accelerators. Niobium hydride is used in metallurgy as a deoxidizer and a grain refiner for steel and other metals. Niobium hydride is used as a neutron absorber in nuclear reactors.

NIOBIUM

Hydride Powder

Purity
99.9%

NbH₅
APS 10µm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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CERTIFIED COMPANY

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