

NS6130-12-000433

Quick Facts

Product	:	Hafnium Micropowder
Stock No	:	NS6130-12-000433
CAS	:	7440-58-6
Molecular Formula	:	Hf
Form	:	Powder

Technical Specification

Molecular Weight	Density	Melting Point	APS
178.49g/mol	13.31g/cm ³	2233°C	40-50mesh

Hafnium is a chemical element with the symbol Hf and atomic number 72. Hafnium metals are good conductors of heat and electricity. Due to its good nuclear performance, metal hafnium is widely used in the atomic energy industry. It has good welding performance, processing performance and performance of high temperature resistance and corrosion resistance. As a neutron absorber, it can capture a large area of thermal neutrons, and can be used to produce nuclear reaction control rods and protection devices. In addition, hafnium is prone to launching electrons. It can be used as the cathode in X-ray tube, and is common electronic material in photovoltaic manufacturing industry. Hafnium is a good alloy material, with a strong ductility, an antioxidant capacity and a high temperature resistance.

Applications:

- Used in alloys electronics fillers nuclear
- As a getter for nitrogen and oxygen
- Gas-filled and incandescent lamps
- used in control rods in nuclear reactors.

HAFNIUM

Micropowder

Purity
99.9%

Hf
APS 40-50mesh



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
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