

ZIRCONIUM HYDRIDE Nanopowder

Zirconium hydride is used as a material for neutron reflectors in fast reactors. The evaluation of its thermal conductivity, elastic modulus, and other basic properties is extremely important for assessing the safety and cost-effectiveness of nuclear reactors. Zirconium hydride (precipitated phase) controls qualities such as the hardness, ductility, and tensile strength of the resulting zirconium hydride.



CAS
7704-99-6

NS6130-12-001134

Quick Facts

Product	: Zirconium Hydride Nano Powder
Stock No	: NS6130-12-001134
CAS	: 7704-99-6
Form	: Powder

TECHNICAL Specification

APS	: 80-100nm
Purity	: 99.9%
Molecular Weight	: 93.24g/mol
Density	: 5.56g/cm ³
Melting Point	: 800°C

APS
80-100nm

PURITY
99.9%



Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



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ISO 9001:2015
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