

Niobium

NANOPOWDER

Nb

Purity
99.9%

Stock no.
NS6130-01-179
CAS : **7440-03-1**

Niobium, also known as columbium, is a chemical element with the symbol Nb and atomic number 41. Niobium nanoparticles are by far the most relevant and important ones in terms of industrial and research applications. Niobium nanoparticles 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.

Technical Specification

Molecular Weight	Density	APS
92.906g/mol	8.57g/cm ³	<80nm

APS: <80nm



ISO 9001:2015
CERTIFIED COMPANY



Follow us:



| www.nanoshel.com | sales@nanoshel.com

INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911