

Platinum NANOPARTICLES

Pt

Purity
99.9%

Stock no.
NS6130-01-152
CAS : **7440-06-4**

Platinum is a chemical element with the symbol Pt and atomic number 78. Platinum nanopowder is known to have effective catalysis properties and oxidation resistance. It is also safe and antimicrobial which makes it a good preservative material for food storage, cosmetics and medical industry. Platinum nanopowder offers unique making it the center of substantial nanotechnology research. Nanoplatinum is a catalyst that can improve the efficiency of some important chemical reactions and is widely used in fuel cells. The mimetic enzyme activity of PtNPs can be used to induce high secretion of ATP in cells, leading to bacterial growth inhibition, DNA damage and bacterial toxic effects.



Technical Specification

Molecular Weight	Density	Melting Point	APS
195.084g/mol	21.45g/cm ³	N/A	<100nm

APS: <100nm



ISO 9001:2015
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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