

Platinum NANOPARTICLES

Pt

Purity
99.9%

Stock no.
NS6130-01-151
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	<80nm

APS: <80nm



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