

NS6130-12-001143

PLATINUM EUROPIUM

Alloy Nanopowder

Quick Facts

Product	:	Platinum Europium Alloy Nanopowder
Stock No	:	NS6130-12-001143
APS	:	80-100nm
Molecular Formula	:	Pt/Eu
Form	:	Powder
Color	:	Grey

Purity
99.9%

An alloy is a mixture of chemical elements, which forms an impure substance (admixture) that retains the characteristics of a metal. An alloy is distinct from an impure metal in that, with an alloy, the added elements are well controlled to produce desirable properties, while impure metals such as wrought iron are less controlled, but are often considered useful. Alloys are made by mixing two or more elements, at least one of which is a metal. This is usually called the primary metal or the base metal, and the name of this metal may also be the name of the alloy. The other constituents may or may not be metals but, when mixed with the molten base, they will be soluble and dissolve into the mixture. The mechanical properties of alloys will often be quite different from those of its individual constituents. A metal that is normally very soft (malleable), such as aluminium, can be altered by alloying it with another soft metal, such as copper. Although both metals are very soft and ductile, the resulting aluminium alloy will have much greater strength.

Applications:

- Biomedical imaging
- Sensors
- Catalyst
- Drug delivery and cancer therapy
- Antibacterial activity



Pt/Eu
APS 80-100nm

Speciality
CHEMICALS



Follow us:



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



20ZICE4589C



19ZAZGO1274G



20ZICE4588M

ISO 9001:2015
CERTIFIED COMPANY

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