

NS6130-01-109

Quick Facts

Product	:	Gold Nanoparticles
Stock No	:	NS6130-01-109
CAS	:	7440-57-5
Molecular Formula	:	Au
Form	:	Powder

GOLD

Nanoparticles

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
196.966 g/mol	18.908 g/cm ³	1064 °C	<80nm

Gold is a chemical element with symbol Au and atomic number 79. Gold nanoparticles/nanopowder are used as catalysts in several chemical reactions. The surface of a gold nanoparticle/nanopowder can be used for selective oxidation or in certain cases the surface can reduce a reaction. Gold nanoparticles/nanopowder are being developed for fuel cell applications. These technologies would be useful in the automotive and display industry. Gold nanoparticles have attracted great interests in the fields of biological and medical applications in past few years. Comparing with quantum dots and other materials, gold nanoparticles have been investigated and utilized in several biotechnology applications, such as sensory probes, drug delivery, and therapy techniques.

Au

APS <80nm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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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