

GOLD POWDER

AU



NS6130-05-598



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40-50 μ m

Gold Powder

Gold (Au) is a chemical element. It is a dense lustrous yellow precious metal of Group 11. Gold has several features that have made it exceptionally valuable throughout history. It is attractive in color and brightness, durable to the point of virtual indestructibility, highly malleable, and usually found in nature in a comparatively pure form.

Gold nanoparticles have been often studied due to their unique surface, chemical inertness, high electron density, and strong optical absorption. In recent decades, gold nanoparticles have been applied in genomics, clinical chemistry, vaccine development, immunoassay, biosensors, diagnosis, and micro organisms control, cancer-cell imaging, and drug delivery.

Quick Facts

Product	:	Gold Powder
Stock No	:	NS6130-05-598
CAS	:	7440-57-5
Purity	:	99%
APS	:	40-50µm

Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
Au	196.97g/mol	19.3 g/cm ₃	1063 °C

- Currently used for biological imaging applications
- As catalysts in a number of chemical reactions
- For fuel cell applications



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