

Gold Nanoparticle Colloidal exhibits special properties which make it suitable for manufacturing jewelry. The properties are very high luster; desirable yellow color; tarnish resistance; ability to be drawn into wires, hammered into sheets, or cast into shapes. These are all properties of an alluring metal that are easily worked into beautiful objects.

Quick Facts

Purity	:	99.99 %
APS	:	50-100nm
Molecular Weight	:	196.97g/mol
Concentration	:	Customer requirement
Dispersing Agent	:	Organic Solvent (DMF), IPA, Ethanol, Water (ddH ₂ O)

APPLICATIONS

- ✓ Organic photovoltaics, sensory probes, therapeutic agents
- ✓ Drug delivery in biological and medical applications
- ✓ Electronic conductors and catalysis
- ✓ Biosensors, sensors, biochip, sensing detection
- ✓ Detection of toxic gas

PROPERTIES

- ✓ Size & shape dependent properties
- ✓ Antimicrobial, Antibacterial, Antifungal
- ✓ High stability
- ✓ Good catalytic activity
- ✓ Unique optoelectronic properties

Au
Slurry, Suspension, Dispersion, Colloidal



**NANO
GOLD
COLLOIDAL**

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