



Conductive Gold Particles

PRODUCT DATA SHEET

Conductive Gold Particles

Description

Conductive Gold Particles is a high-performance Particles material, which uses metal gold as the shell and a monodisperse polymer core inside. The stable chemical properties of gold endow the material with excellent conductivity, chemical stability, and mechanical strength. Enable materials to maintain excellent performance even in extreme environments such as high temperature and high humidity. This material is widely used in microcircuit connections, integrated circuit interconnects, and solder joint manufacturing to enhance the reliability and stability of circuits. In addition, Conductive Gold Particles are also used in the assembly of sensors, actuators, and LCD displays, especially in the manufacturing process of LCD displays. It can be combined with adhesives to form anisotropic conductive films or anisotropic conductive adhesives, ensuring the stability and clarity of image display. Conductive Gold Particles also have significant applications in the fields of electromagnetic shielding and conductive fillers. It can effectively enhance the electromagnetic interference shielding capability of the equipment and optimize the overall electrical performance.

Abvigen Inc can provide high-quality Conductive Gold Particles with various particle sizes. This product has high-resolution particle size distribution, good chemical stability, and good mechanical strength, which can meet various personalized material needs such as customer research and development, testing, and production consumption.

For custom sizes, formulations or bulk quantities please contact our customer service department.

Website: www.abvigen.com **Phone:** +1 929-202-3014 **Email:** info@abvigenus.com



Characteristics

Size: 5 g

Diameter: 1.5 μm - 35 μm

Shape: Spherical

Composition: Conductive Gold Particles

Standard deviation: $\leq 3.5\%$

Store: Storage at 2 - 8 $^{\circ}\text{C}$

Storage

This product should be stored at 4 $^{\circ}\text{C}$. **DO NOT FREEZE.**

Advantage

Uniform particle size

Excellent conductivity

Good chemical stability

Good mechanical strength

Applications

LCD display assembly

Microcircuit connection

Electromagnetic shielding

Electronic component

Conductive filler

Ordering Information

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