

NS6130-12-000547

Quick Facts

Product	:	Carbon/ Gold Core Shell Nano Particles
Stock No	:	NS6130-12-000547
Molecular Formula	:	C/Au
Form	:	Powder
Core	:	Carbon
Shell	:	Gold

Carbon/ Gold

Core Shell Nano Particles

Purity
99.9%

Technical Specification

APS	Shell Diameter	Purity
80-100nm	20-30nm	99.9%

Core-shell nanoparticles are a type of nanoparticle that have a core made of one material, and a shell made of another material that surrounds the core. Core-shell nanoparticles unique properties that differ from their bulk counterparts, making them useful for various applications, including medicine, energy, electronics, magnetic resonance imaging (MRI), semiconductors, pigments, coatings, and photovoltaics, used in various applications, such as in biomedical imaging, luminescent sensors, and light-emitting diodes (LEDs).

carbon/gold nanoparticles can combine the beneficial properties of both materials. The carbon core can provide excellent electrical conductivity and unique optical properties, while the gold shell can enhance the stability and biocompatibility of the material. carbon/gold nanoparticles applications, such as in drug delivery, biosensing, and bioimaging.

C/Au



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CERTIFIED COMPANY

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