



GOLD TITANIUM OXIDE CORE SHELL

99%
(Purity)

The core-shell Nanostructure varies with different sizes and different shapes of core and shell thickness with different surface morphology. Gold Titanium Oxide Core-Shell nanoparticles have received tremendous interests in various applications compared to the bare Titanium Oxide nanoparticles due to several important features such as exhibit higher surface area, the existence of a synergistic effect between the core and the shell, Major applications are in bioimaging, drug delivery, gene delivery and sensors. Core-shell nanoparticles are a class of nanostructure materials that have recently received increased attention owing to their interesting properties and broad range of applications in catalysis, biology, materials chemistry and sensors.

Stock no:
NS6130-12-000524

CHEMICAL IDENTIFIERS

Purity	:	99 %
Chemical name	:	Au/ TiO ₂
Shape	:	Spherical
Form	:	Powder

PROPERTIES




- ✓ Large Surface Area
- ✓ High thermal stability
- ✓ Chemical tailor ability

Applications

- ✓ Catalysis technology
- ✓ Construction composites
- ✓ Biological imaging
- ✓ Theranostics
- ✓ Cell labeling



Follow us:

f |  |  |  | www.nanoshel.com | sales@nanoshel.com

ISO 9001:2015
CERTIFIED COMPANY



20ZICE4589C



19ZA2G01274G



20ZICE4588M

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