

# CADMIUM TELLURIUM CADMIUM SELENIUM CORE SHELL

**99%**  
(Purity)

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. Cadmium Tellurium Cadmium Core-Shell nanoparticles have received tremendous interests in various applications compared to the bare Cadmium Tellurium 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.. The core-shell Nanostructure varies with different sizes and different shapes of core and shell thickness with different surface morphology.

## PROPERTIES

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

Stock no:  
**NS6130-12-000587**

## CHEMICAL IDENTIFIERS

Purity	:	99 %
Chemical name	:	CdTe/CdSe
Shape	:	Spherical
Form	:	Powder
Core	:	Cadmium tellurium
Shell	:	Cadmium Selenide

## APPLICATIONS

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



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CERTIFIED COMPANY



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