

# Cadmium

## NANOPARTICLES

# Cd

Purity  
**99.9%**

Stock no.  
**NS6130-01-159**  
CAS : **7440-43-9**

Cadmium is a chemical element with the symbol Cd and atomic number 48. Cadmium is used in the control rods of nuclear reactors, acting as a very effective neutron poison to control neutron flux in nuclear fission.

### Technical Specification

Molecular Weight	Density	Melting Point	APS
112.41g/mol	8.65g/cm <sup>3</sup>	N/A	60-80nm

### Applications

- Optical windows and lenses
- Solar cells
- Biological applications
- Bioimaging applications

**APS: 60-80nm**



ISO 9001:2015  
CERTIFIED COMPANY



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#### 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