



# Cadmium

## SELENIDE POWDER

Cadmium Selenide (CdSe) is an important II-VI semiconducting compound for optoelectronics. Cadmium selenide Powder is an inorganic compound with the formula CdSe. 2 CdSe was also the first example of self-assembled semiconductor nanocrystal superlattices. Cadmium Selenide is mainly used in electronic emitters, spectral analysis and photoresistors. It also has specialized use in windows for instruments utilizing (infra-red) IR light.

### Quick FACTS

- |            |                           |               |           |
|------------|---------------------------|---------------|-----------|
| ✓ Product  | : Cadmium Selenide Powder | ✓ Purity      | : 99%     |
| ✓ Color    | : Orange/ Red Powder      | ✓ APS         | : 40-50µm |
| ✓ Stock No | : NS6130-05-568           | ✓ Other Metal | : 8500ppm |
| ✓ CAS      | : 1306-24-7               |               |           |



CE ISO 9001:2015  
CERTIFIED COMPANY  
ISO: 13485:2016/20ZICE4588M  
CE: 20ZICE4589C

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## Applications

- ✓ CdSe is a component of the pigment cadmium orange
- ✓ Laser Diodes
- ✓ Opto-electronic devices
- ✓ Nanosensing
- ✓ Biomedical imaging
- ✓ Efficiency solar cells

### Packing Sizes Available

25Gms, 50Gms, 100Gms,  
500Gms & Bulk Orders



## Technical SPECIFICATION

Molecular Formula	Molecular Weight	Density	Melting Point
CdSe	191.37 g/mol	5.81 g/cm <sup>3</sup>	1268 °C

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