

**NS6130-02-245**

# CdSe

## SINGLE CRYSTAL Nanoparticles

### Quick Facts

Product	: CdSe Single Crystal Nanoparticles
Stock No	: NS6130-02-245
CAS	: 1306-24-7
Molecular Formula	: CdSe
Form	: Powder

**Purity**  
99.9%

### Technical Specification

Molecular Weight	Density	Melting Point	APS
191.37g/mol	5.81 g/cm <sup>3</sup>	1268°C	<100nm

Cadmium selenide is an inorganic compound with the formula CdSe. 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. CdSe nanoparticles have become interest in the past two decades because they have useful properties for photovoltaic applications laser, biochemical sensors, biomedical imaging and solar cells



**CdSe**  
APS <100nm



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