

NS6130-02-256

CADMIUM SELENIDE

Semiconductor Nanoparticles

Quick Facts

Product	:	Cadmium Selenide Semiconductor Nanopowder
Stock No	:	NS6130-02-256
CAS	:	1306-24-7
Molecular Formula	:	CdSe
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
191.39g/mol	5.81 g/cm ³	1268°C	40-80nm

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 40-80nm



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20ZICE4589C



19ZAZGO1274G



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