

CADMIUM SELENIDE POWDER

Stock No: NS6130-05-568

CdSe



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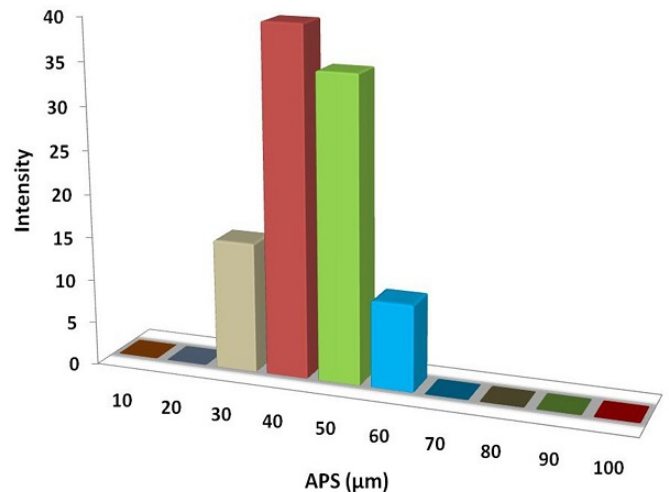
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Cadmium Selenide Powder

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



Technical Specification

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

Applications

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

