

NS6130-03-379

CADMIUM ^{Oxide} Nanoparticles

Quick Facts

Product	: Cadmium Oxide Nanoparticles
Stock No	: NS6130-03-379
CAS	: 1306-19-0
Molecular Formula	: CdO
Form	: Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
128.41g/mol	8.15g/cm ³	900-1000°C	<100nm

Cadmium oxide is an inorganic compound with the formula CdO. Cadmium oxide is used in cadmium plating baths, electrodes for storage batteries, cadmium salts, catalyst, ceramic glazes, phosphors, and nematocide. Major uses for cadmium oxide are as an ingredient for electroplating baths, and in pigments. Cadmium oxide is used as an electroplating chemical and in the manufacture of cadmium electrodes. It is a component of silver alloys, phosphors, semiconductors, glass and ceramic glazes. It is a basic conducting material used to prepare transparent conducting films, which finds use in phototransistors, liquid crystal displays, photodiodes, photovoltaic cells, and antireflection coatings.



CdO

APS <100nm



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