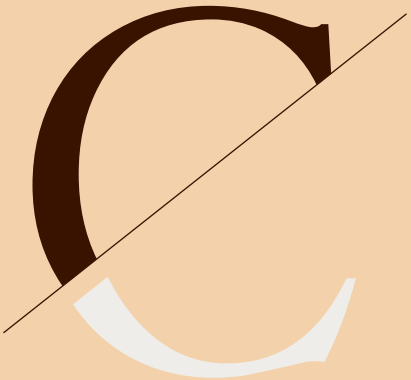

CADMIUM

TELLURIDE NANOPARTICLES

Cadmium telluride (CdTe) is a photovoltaic (PV) technology based on the use of a thin film of CdTe to absorb and convert sunlight into electricity. CdTe is growing rapidly in acceptance and now represents the second most utilized solar cell material in the world. CdTe can be alloyed with mercury to make a versatile infrared detector material (HgCdTe). CdTe is used as an infrared optical material for optical windows and lenses and is proven to provide a good performance across a wide range of temperatures.

CdTe

APPLICATIONS

- ✓ Photovoltaic cells
- ✓ Optical windows
- ✓ Solar Panels

SPECS

- ✓ Purity: 99.9%
- ✓ Molecular Formula: CdTe
- ✓ Molecular Weight: 240.01 g/mol
- ✓ Color: Black
- ✓ Density: 5.85 g/cm³
- ✓ Melting Point: 1090 °C
- ✓ Boiling Point: 1130 °C
- ✓ Thermal Conductivity: 5.0 W/m-K
- ✓ Thermal Expansion: 5.9 um/m-k

All types of particles size are available in micro and nano range.

CATALOGUE NO.

- **NS6130-02-280**

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