

Thin Film Solar Materials – CdTe Products



Cadmium Telluride (CdTe) thin film solar cells are known for their fastest energy payback time of all solar technologies. Short production cycle and high absorption efficiency at low light and high temperature makes this technology a good choice for solar power plants.

Vital Thin Film Material is the biggest Materials supplier for the CdTe Solar industry and provides CdTe, CdS Planar Targets and ZnTe, CdZnTe Planar and Rotary Targets, as well as CdTe, CdS, CdSe, ZnTe powder or shots.

Targets

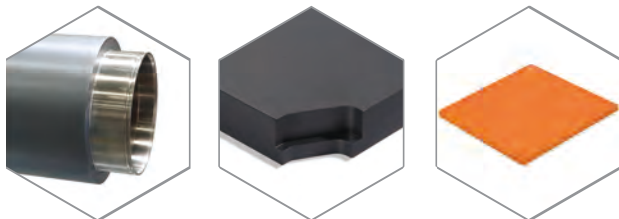
Products	CdTe Planar Target	CdS Planar Target	ZnTe Rotary Target	ZnTe Planar Target	CdZnTe Rotary Target	CdZnTe Planar Target
Purity	≤99.999%	≤99.999%	≤99.999%	≤99.999%	≤99.999%	≤99.999%
Density	>95%	>97%	>95%	>95%	>95%	>95%
O content	<200ppm	<200ppm	<200ppm	<200ppm	<200ppm	<200ppm
C content	<50ppm	<50ppm	<50ppm	<50ppm	<50ppm	<50ppm
Size	Customized					

Evaporation Materials

Products	CdTe Shot/Powder	CdS Shot/Powder	CdSe Shot/Powder	ZnTe Shot/Powder
Purity	≤99.9999%	≤99.999%	≤99.999%	≤99.999%
O content	<200ppm	/	<200ppm	<200ppm
C content	<50ppm	/	<50ppm	<50ppm
Dimensions	Customized			

Vital Thin Film Material provide closed loop recycling for all Te and Cd contained waste, as spent targets, chamber and shield scrap and end of life products as well as custom-made recycling solutions for complex waste streams.

VTFM is ISO9001, ISO14001 and OHSAS18001 certified.



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