

NS6130-02-274

Lead TELLURIDE

Nanocrystals

Quick Facts

Product	:	Lead Telluride Nanocrystals
Stock No	:	NS6130-02-274
CAS	:	1314-91-6
Molecular Formula	:	PbTe
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
334.80g/mol	8.164 g/cm ³	924°C	80-100nm

Lead telluride is a compound of lead and tellurium (PbTe). PbTe has proven to be a very important intermediate thermoelectric material. PbTe thermoelectric generators have been widely used by the US army, in space crafts to provide onboard power, and in pacemakers batteries.

- ✓ Infrared detection and imaging
- ✓ Solar cells.



PbTe
APS 80-100nm



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