

NS6130-12-000457

LEAD TELLURIDE

Nanoparticles

Quick Facts

Product	:	Lead Telluride Nanoparticles
Stock No	:	NS6130-12-000457
CAS	:	1314-91-6
Molecular Formula	:	PbTe
Form	:	Powder

Purity
99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
334.80g/mol	8.164g/cm ³	924°C	50-60nm

Lead telluride is a compound of lead and tellurium (PbTe). PbTe has a high melting point, good chemical stability, low vapor pressure and good chemical strength in addition to high figure of merit Z. PbTe thermoelectric generators have been widely used by the US army, in space crafts to provide onboard power, and in pacemakers batteries.

PbTe

APS 50-60nm



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