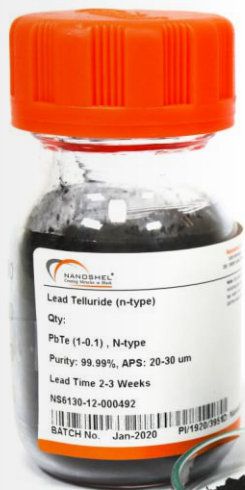


LEAD

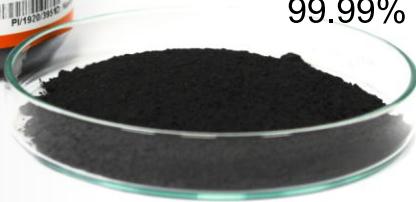
Telluride

Lead Telluride is a typical semiconductor material with significant infrared photoconductivity. Also it has proven to be a very important intermediate thermoelectric material. Lead(II) telluride (PbTe) is a narrow bandgap semiconductor with good electrical properties. It is a thermoelectric material with thermal conductivity of $\sim 2 \text{ Wm}^{-1}\text{K}^{-1}$ at 300 K, which can be used in thermoelectric power generation and energy conversion.



APS
20-30 μm

PURITY
99.99%



Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



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PbTe

CAS
1314-91-6

NS6130-12-000492

Quick Facts

Product	:	Lead Telluride
Stock No	:	NS6130-12-000492
CAS	:	1314-91-6
Form	:	Powder

TECHNICAL Specification

APS	:	20-30 μm
Purity	:	99.99%
Molecular Weight	:	334.80g/mol
Density	:	8.168g/cm ³
Melting Point	:	924°C

APPLICATIONS

- ✓ Used as the production of thermoelectric refrigerating units
- ✓ Used as the production of generators
- ✓ Used as the production of infrared detectors
- ✓ Used as the production of tunnel diodes
- ✓ Used as thermoelectric generation and refrigeration



2021CE4588C



192AZG01274G



2021CE4588M

ISO 9001:2015
CERTIFIED COMPANY

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