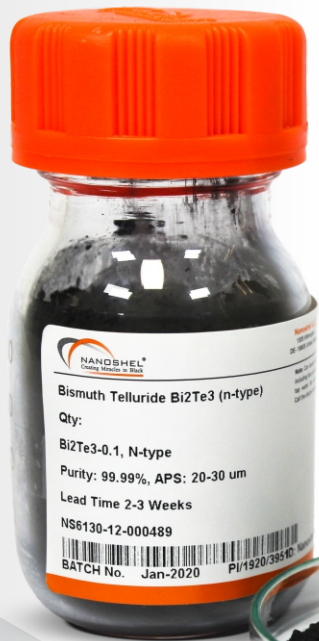


# BISMUTH Telluride

Bismuth Telluride (Bi<sub>2</sub>Te<sub>3</sub>) is basically known as an efficient thermoelectric material. Bismuth telluride (Bi<sub>2</sub>Te<sub>3</sub>) is a gray powder that is a compound of bismuth and tellurium also known as bismuth(III) telluride. It is a semiconductor, which, when alloyed with antimony or selenium, is an efficient thermoelectric material for refrigeration or portable power generation. Bi<sub>2</sub>Te<sub>3</sub> is a topological insulator, and thus exhibits thickness-dependent physical properties.



**APS**  
20-30µm

**PURITY**  
99.99%



## Packing Sizes:

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



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### INTELLIGENT MATERIALS PVT LTD

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# Bi<sub>2</sub>Te<sub>3</sub>

**CAS**  
1304-82-1

NS6130-12-000489

## Quick Facts

Product	: Bismuth Telluride
Stock No	: NS6130-12-000489
CAS	: 1304-82-1
Form	: Powder

## TECHNICAL Specification

APS	: 20-30µm
Purity	: 99.99%
Molecular Weight	: 800.76g/mol
Density	: 7.64g/cm <sup>3</sup>
Melting Point	: 586°C

## APPLICATIONS

- ✓ Power generation or cooling applications
- ✓ Topological insulators.



202ICE4589C



18ZAZG01274G



202ICE4588M

ISO 9001:2015  
CERTIFIED COMPANY

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