



BISMUTH Telluride

Stock no:
NS6130-12-000828

CAS:
1304-82-1

Quick Facts

Product	:	Bismuth Telluride
Stock No	:	NS6130-12-000828
CAS	:	1304-82-1
Form	:	Powder
Purity	:	99.5%
APS	:	60-70µm

Bismuth telluride (Bi₂Te₃) 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. Bi₂Te₃ is a topological insulator, and thus exhibits thickness-dependent physical properties.

Molecular Formula	Molecular Weight	Density	Melting Point
Bi ₂ Te ₃	800.76g/mol	7.85g/cm ³	N/A

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20ZICE4589C



19ZAZG01274G



20ZICE4588M

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