

Specification Sheet

Bismuth Telluride Doped

(Purity: 99.99%, APS: 20-30 μ m)

Stock No: NS6130-12-000489, CAS: 1304-82-1

Product	:	Bismuth Telluride Thermoelectric Materials
Stock No	:	NS6130-12-000489
CAS	:	1304-82-1
Purity	:	99.99%
APS	:	20-30 μ m
Molecular Formula	:	Bi ₂ Te _{3-0.1}
Molecular Weight	:	800.76 g/mol
Color	:	Grey powder
Density	:	7.642 g/cm ³
Melting Point	:	586 °C
Electric resistance	:	0.6 \times 10 ⁻⁵ Ω m
Thermal Conductivity	:	1.2-1.6w/m.K
Type	:	N-type
Solubility	:	Insoluble
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time