

## Specification Sheet

Purity: 99.99%, APS: 20-30 $\mu$ m

Stock No: NS6130-12-000490, CAS: 1304-82-1

<b>Product</b>	:	<b>Antimony (Sb) doped Bismuth Telluride</b>
Stock No	:	NS6130-12-000490
CAS	:	1304-82-1
Purity	:	99.99%
APS	:	20-30 $\mu$ m
Molecular Formula	:	Bi <sub>0.5</sub> Sb <sub>1.5</sub> Te [3-0.1]
Molecular Weight	:	800.76 g/mol
Appearance	:	Grey powder
Density	:	7.642 g/cm <sup>3</sup>
Melting Point	:	586 °C
Electric resistance	:	0.6 $\times$ 10 <sup>-5</sup> $\Omega$ m
Thermal Conductivity	:	1.2-1.6 w/m.K
Type	:	p-Type
Solubility	:	Insoluble
<b>Main Inspect Verifier</b>	:	<b>Manager QC</b>

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