

# SULFAMET

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## TECHNICAL DATA SHEET ANTIMONY METAL

Molecular Weight	121.76
Appearance	Silvery
Melting Point	630.74 °C
Boiling Point	1950 °C
Density	6.691 g/cm <sup>3</sup>
Electrical Resistivity	39.0 microhm-cm @ 0 °C
Electronegativity	1.9 Paulings
Heat of Fusion	4.77 Cal/gm mole
Heat of Vaporization	46.6 K-Cal/gm at om at 1950 °C
Specific Heat	0.049 Cal/g/ K @ 25 K
Thermal Conductivity	0.244 W/cm/ K @ 298.2 K
Thermal Expansion	(25 °C) 11 μm·m <sup>1</sup> ·K <sup>1</sup>

### Application:

1. As alloy hardner used in metallurgy storage battery
2. war industry printing industry solder paste and sliding bearing
3. It is mainly used in the preparation of electronic refrigeration component materials
4. It is mainly used in the preparation of germanium and silicon single crystal doping fields

### Packaging details:

Antimony about 25Kg /Ingot