

# SULFAMET

ALLENDE 4158 (1419) C.A.B.A.

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## TECHNICAL DATA SHEET TIN METAL

Molecular Weight	118.69
Appearance	Silver-gray metallic solid
Melting Point	232 °C
Boiling Point	2602 °C
Density	7.265-7.31 g/cm <sup>3</sup> (20 °C)
Solubility in H <sub>2</sub> O	N/A
Electrical Resistivity	11.5 x 10 <sup>-8</sup> Ω·m
Electronegativity	1.96 Paulings
Heat of Fusion	7.03 kJ/mol
Heat of Vaporization	296.1 kJ/mol
Poisson's Ratio	0.36
Specific Heat	0.21 J/g·°C (25 °C)
Thermal Conductivity	66.8 W/(m·K)
Thermal Expansion	22.0 μm/(m·K) (20 °C)
Young's Modulus	50 GPa

### Application:

Used for alloying additions in copper based alloys in foundries, manufacturing of solders and tin based babbits and soldering of retaining bands of armatures and rotors

### Packaging details:

Tin Ingot about 25Kg /Ingot