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## Technical Data Sheet

# Tin Germanium Alloy

### PRODUCT:

## TIN GERMANIUM ALLOY

BARS – weighing 0.850 to 1.1 Kilos/piece



GRADE: 99TIN-01GERMANIUM (99Sn-1Ge)

FORMS AVAILABLE: BARS/STICKS

MELTING RANGE: 230 to 240°C 445 to 465°F



DENSITY @ 311 K: 7.28 G/Cm<sup>3</sup>

COLOUR: SILVER WHITE



### SPECIFICATIONS FOR TIN-GERMANIUM ALLOY

Material	Specification	
	Min (%)	Max (%)
Tin (Sn)	Bal	Bal
Germanium (Ge)	0.895	1.150
Lead (Pb)	0	0.030
Antimony (Sb)	0	0.020
Copper (Cu)	0	0.040
Zinc (Zn)	0	0.001
Iron (Fe)	0	0.008
Nickel (Ni)	0	0.003
Bismuth (Bi)	0	0.020
Cadmium (Cd)	0	0.001
Silver (Ag)	0	0.001
Arsenic (As)	0	0.015
Aluminium (Al)	0	0.001



This alloy is produced from LME registered Virgin Grade Tin Ingots of 99.85% purity and 5N Germanium Ingots of 99.999% purity.