



LEAD FREE ALLOY

Sn95 Sb5

LEAD FREE ALLOY Sn95 Sb5 – Binary alloy for soldering printed circuits, produced from very high quality metals.

Chemical Characteristics

Amount of Tin:	95% +/- 0.6%
Amount of Antimony:	5% +/- 0.4%
Tin of first melting purity:	>99.95%.

Physical Characteristics, standard:

Melting point	232°C Solidus - 240°C Liquidus.
Specific weight	7.25
Working temperature	Up to 450°C.

Maximum content of impurities: see below:

Cd	Cu	Ag	Bi
<0.002%	<0.05%	<0.005%	<0.01%

Fe	Zn	Al	As
<0.02%	<0.001%	<0.001%	<0.01%

Pb	Other
<0.05%	<0.05%

Supplied as:

Bars	Extruded bars or sticks in cartons of 25 Kg (Exact Tare weight stated on carton).
Quality Insurance	Certificates of conformity can be supplied with each lot if required.
Labelling	Cartons/containers labels show manufactured Lot Number and Alloy.

Storage:

- Original packaging at an average temperature of 20°C
- 24 months