



LEAD FREE ALLOY

Sn99.3 Cu0.7

99C LEAD FREE ALLOY – Eutectic alloy for soldering printed circuits, produced from very high quality metals

Chemical Characteristics

Amount of Tin:	99.3%
Amount of Copper:	0.7%
Tin for first melting, copper purity:	>99.99%.

Maximum content of impurities: see below:

Cd	Sb	Bi
<0.002%	<0.05%	<0.01%

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

Pb	Other
<0.05%	<0.05%

Physical Characteristics, standard:

Melting point	227°C Eutectic.
Specific weight	7.3
Working temperature	300 to 450°C.

Supplied as:

Bars	Extruded bars or sticks in cartons of 20 Kg (Exact Tare weight stated on carton).
Wire	On spools of 500gm, 1kg, 3kg, 15 Kgs. (others please contact us)
Powder	In metallic buckets of 25 Kg
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
- 12 months for flux cored wires.