



SOLDER ALLOY

ALLOY Sn5 Pb93.5 Ag1.5

This alloy is composed of tin, lead and silver and is suitable for use at high temperatures, it conforms with international standards: NFC 90550, DIN 1707, QQS 571E, MIL.F.142560 and B.S.219 grade 5S.

Chemical Characteristics

Amount of Tin:	5 % \pm 0.5%
Amount of Lead:	93.5% \pm 0.5%
Amount of Silver:	1.5% \pm 0.1%

Chart of maximum impurities, example:

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

Fe	Zn	Al	As	Others
0.02%	0.001%	0.001%	0.01%	0.05%

Incorporated flux: **Incorporated flux: As required, refer to MBO.**

Physical Characteristics:

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Melting point	Solidus @296°C to Liquidus @ 301°C
Specific weight	10.9
Working temperature	360 to 500 °C max

Packaging

Bars : Extruded approx. 900g bars in cartons of 24. (Exact Tare weight stated on carton).
Sticks : 250g in cartons of ~25 Kgs.
Granules : Containers of 20 Kgs.
Ingots : Approximately 3.9 Kgs.
Wire : On spools of 500gms, 1kg and 3kg.