



ANTI-OXIDATION PELLETS

Used to reduce formation of dross in solder baths

DESCRIPTION

Stannol Anti-Oxidant-Pellets are used to reduce formation of dross in solder baths. Stannol Anti-Oxidant-Pellets are supplied in alloy S-Sn60Pb40 with a special anti oxidant adder and will be used preferably for high temperature tinning (Cu-varnish wires).

APPLICATION

- 1. For Dip Soldering:** Put 3 to 4 pieces of Stannol Anti-Oxidant-Pellets per kg solder to the solder bath and ensure a proper mixing after melting. Consumption may change depending on temperature. The effect starts immediately: This procedure must be repeated when colour of solder bath changes again. After removal of dross the surface of the solder remains bright and shiny.
- 2. For drag soldering:** Apply 6 pieces of Stannol Anti-Oxidant-Pellets for each 10 kgs of solder to solder bath. Otherwise, the same procedure as for dip soldering. This addition increases contents of phosphorus for 15 ppm.
- 3. For Wave Soldering:** To build up an anti oxidant solder add min. 6 pellets for each 10 kgs of solder. Maximum quantity should not exceed 16 pellets per 10 kgs. This addition reduces the formation of dross. The surface tension of solder will be increased. If the Anti-Oxidant-Pellets are added in excess, it may happen that too much solder remains on the solder joints, so that it's likely to cause bridges on close solder joints.

PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	ANTI-OXIDATION PELLETS
Alloy:	Sn60Pb40 with anti oxidant
Melting point:	183-190 °C
Density:	8.5 g/cm ³

Do not use with lead free alloys!

PACKAGING

Stannol Anti-Oxidations-Pellets (5g each) are packed in 250g plastic bottles.

HEALTH AND SAFETY

Before using please read the material safety data sheet carefully and observe the safety precautions described.

NOTICE

The above values are typical and represent no form of specification. The Data Sheet serves for information purposes. Any verbal or written advise is not binding for the company, whether such information originates from the company offices or from a sales representative. This is also in respect of any protection rights of third parties, and does not release the customer from the responsibility of verifying the products of the company for suitability of use for the intended process or purpose. Should any liability on the part of the company arise, the company will only indemnify for loss or damage to the same extent as for defects in quality.