



ECOLOY ANTI-OXIDATION-PELLETS

Used to reduce formation of dross in solder baths

DESCRIPTION

Stannol Ecoloy Anti-Oxidant-Pellets are used to reduce formation of dross in solder baths. Stannol Ecoloy Anti-Oxidant-Pellets are supplied in alloy Sn99.9 with a special anti-oxidant adder, which is compatible with all lead-free alloys and will be used preferably for high temperature tinning. For lead-free tinning at high temperatures (>330°C) we recommend the solder alloy S-Sn97Cu3. Stannol Ecoloy Anti-Oxidant-Pellets are also applicable for deoxidation of lead-containing alloys. When using very small solder pot volumes please check the change in tin content as well.

APPLICATION

1. For Dip Soldering: Put 3-4 pieces of Stannol Ecoloy Anti-Oxidant-Pellets per kg 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 Wave Soldering: To build up an anti oxidant solder add min. 6 pellets per 10 kgs of solder. The 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 Ecoloy 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	ECOLOY ANTI-OXIDATION-PELLETS
Alloy:	Sn99 with anti-oxidant
Melting point:	232°C
Density:	7.1 g/cm ³

PACKAGING

Stannol Ecoloy 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.