



SOLDER STANNOLOY

soft solders

DESCRIPTION

Stannol Stannoloy alloys are soft solders which have been specially formulated according to a Stannol specification, with considerably less impurities in comparison to alloys which are produced according to S-Sn60Pb40E or S-Sn63Pb37E (DIN EN ISO 9453).

In addition they undergo a refining process during which non-metallic contaminations are removed.

CHARACTERISTICS

Stannol Stannoloy offers the following advantages:

- **Improved wetting properties even when the solder bath temperature is lower than the normal working temperature to reduce the danger of damaging heat-sensitive components.**
- **Stannoloy is specially applied in the SMD-Technology, where a low viscosity, high component population, reduced solder quantity; lowest metal contamination and oxide content are required.**
- **Stannol Stannoloy ensures clean and well-formed solder joints. Due to the excellent flow properties solder faults are reduced to a minimum.**

APPLICATION

Stannol Stannoloy alloys are preferably used in wave and inert gas soldering machines.

ALLOYS

Stannol Stannoloy is mainly produced in the alloy Sn63Pb37. Other common alloys, such as Sn60Pb40 or Sn64Pb36 are available on request.

SUPPLY FORMS

Triangular bars, Kg-bars, Ingots with hanging hole

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.