



Technical Data Sheet

STANNOL® Solder STRATOLOY®

- Less dross formation compared with conventional solders.
- Better wetting properties even at solder bath temperatures, lower than those normally used. This reduces the danger of damage to temperature-sensitive components.
- In continuous processes, the oxide formation is substantially less than that experienced with conventional materials not produced in the same way as by the **STRATOLOY®** process.

Description

STANNOL® STRATOLOY® solders are manufactured according to an internal specification, with lower impurities than required by S-Sn60Pb40E or S-Sn63Pb37E (ISO 9453:2006), so that the purity of **STRATOLOY®** exceeds even the high demands of this common standard.

STANNOL® STRATOLOY® solders are products of the highest purity. By means of a special production method, any possible impurities, such as oxides and sulphides, which can even occur in virgin materials, are removed.

Application

STANNOL® STRATOLOY® solders are used for all conventional soldering processes, such as wave-soldering, drag-soldering, and dip-soldering.

STRATOLOY® solders are especially suitable for use in the assembly of products in the electronic industry, and particularly for the soldering of printed circuit boards.

STANNOL® STRATOLOY® solders will attain the best level of performance in conjunction with one of **STANNOL®**'s many liquid fluxes.

Alloys

STRATOLOY® is mainly produced in the alloy Sn63Pb37. Other alloys, such as Sn60Pb40 and 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.

The above values are typical and represent no form of specification. The Data Sheet serves for information purposes. Any verbal or written advice 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.