



# STANNOL®

Wenn's ums Löten geht  
When it's about soldering  
Quand il s'agit du soudage

## Technical Data Sheet

### STANNOL® Solder STANNOLOY®

- 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.

#### 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 (ISO 9453:2006).

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

#### 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.

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