



**STANNOL**<sup>®</sup>

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

## Technical Data Sheet

### STANNOL<sup>®</sup> Solder ECOLOY<sup>®</sup> T

Pure tin, lead-free for Electronics and Medical Engineering

#### Description

STANNOL<sup>®</sup> ECOLOY<sup>®</sup> T (pure tin) is a metal with high purity according to DIN EN 61190-1-3.

Pure tin has a high resistance to environmental influences and protects against corrosion. The dense oxide layer makes it resistant to many pollutants and chemicals. Pure tin is not toxic, so tin and tinned parts are used in food industry and medical engineering.

**STANNOL<sup>®</sup> ECOLOY<sup>®</sup> T conforms to ROHS and WEEE.**

#### Application

STANNOL<sup>®</sup> ECOLOY<sup>®</sup> T is used to tin lead-free metallic surfaces.

- For dip tinning of wires, tapes, electronic component surfaces
- Tinning of surfaces for food technology
- Tinning of surfaces in medical engineering
- As anodes for galvanic tinning.
- For correction of the composition of the solder bath in a wave solder machine; to reduce process-related impurities, especially copper.

#### Technical Data

<b>Purity:</b>	Sn99.9
<b>Melting Point:</b>	232°C
<b>Density:</b>	7.1 g/cm <sup>3</sup>

#### Supply forms

Solid Solder Wire  
Triangular Bars  
Kilobars  
Ingots with hanger 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.