



## SOLDER Sn60Pb40, Sn63Pb37

Soft solder

### DESCRIPTION

Stannol Solder is a soft solder with alloys Sn60Pb40 and Sn63Pb37 which is even produced according to S-Sn60Pb40E or S-Sn63Pb37E (DIN EN ISO 9453) in most cases.

### CHARACTERISTICS

This product offers the following advantages:

- Excellent wetting
- Fast flowing solder
- Excellent shape of solder joints
- Shiny joints

### APPLICATION

Stannol Solder with alloys Sn60Pb40 and Sn63Pb37 is used in shape of bars and ingots for application in wave or dip soldering. Solid solder can be used in combination with fluxes for soft soldering dependent on the type of application. Fields of application are hand craft, industrial art, electric and electronics.

### PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	Sn60Pb40	Sn63Pb37
Melting point /-range:	183-190 °C	183 °C
Density:	8.5 g/cm <sup>3</sup>	8.4 g/cm <sup>3</sup>
Therm. Coefficient of Expansion:	23.9*10 <sup>-6</sup> K <sup>-1</sup>	24.0*10 <sup>-6</sup> K <sup>-1</sup>
Electrical Conductivity:	11.5% IACS	11.9% IACS

### SUPPLY FORM

Solder Wire (solid and flux cored), 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.