



Technical Data Sheet

STANNOL® Solder Sn60Pb40 and Sn63Pb37

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

Description

STANNOL® Solder is a soft solder with alloys **Sn60Pb40** and **Sn63Pb37** which is even produced according to S-Sn60Pb40E or S-Sn63Pb37E (ISO 9453:2006) in most cases.

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 of Sn60Pb40 and Sn63Pb37 alloys

Properties	Sn60Pb40	Sn63Pb37
Melting point /-range	183-190 °C	183 °C
Density	8.5 g/cm ³	8.,4 g/cm ³
Therm. Coefficient of Expansion	23.9*10 ⁻⁶ K ⁻¹	24.0*10 ⁻⁶ K ⁻¹
Electrical Conductivity	11.5% IACS	11.9% IACS

Supply forms

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.

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