

## Technical Data Sheet

### Product:

#### **Soldering tin**

On request, based on     DIN EN 29453  
                                       DIN 1707-100  
                                       DIN EN ISO 9453



### Chemical composition:

Standard-Alloys		Melting temperature
	S-Pb80Sn20	183 – 280 °C
	S-Pb70Sn30	183 - 255 °C
	S-Pb60Sn40	183 - 238 °C
	S-Pb50Sn50	183 - 215 °C
	S-Sn60Pb40E	183 - 190 °C
	S-Sn63Pb37E	183 °C
	S-Sn70Pb30E	183 - 192 °C
	(E = Elektronikqualität)	
Lead-free alloys	S-Sn99Cu1	227 °C
	S-Sn97Cu3	227 – 310 °C
	Sn 99,9	232 °C

Various other alloys are also available.

On request available with parts of Antimony or Phosphorus.

The chemical composition is by means of spectral analysis continuously monitored. We issue appropriate evidence. (e.g. Analysis certificate).

### Physical properties:

Colour:                    grey – metallic  
 Density:                 depending on the alloy

On request we will send you a specific technical data sheet for your required alloy / form

### Standard – dimensions:

Form	Dimension	Weight	Feature
Triangular	ca. 10 mm stark, ca. 400 mm lang ca. 6 -7 mm stark, ca. 600 mm lang	ca. 200 – 300 gram ca. 100 – 200 gram	
Square	ca. 330 x 30 x 20 mm	ca. 1,0 kilogram	
Ingot	ca. 565 x 50 x 20 mm ca. 535 x 46 x 32 mm	ca. 2,0 kilogram ca. 4 – 5 kilogram	with an open / closed suspension with an open / closed suspension

Other dimensions are also available on request.

### **Packaging units:**

- bundled in units each 25 kg
- in cardboard-boxes each 25 kg
- loosely packed in cardboard-boxes on palettes