

TECHNICAL DATA SHEET

Product:

Pure Tin Pieces

Purity min. 99,9% accord. to DIN 1704 or DIN EN 610



Chemical composition:

Element	Ingredients – DIN 1704	Example of an original sample
Tin (Sn)	min. 99,9 %	99,96 %
Lead (Pb)	max. 0,040 %	0,0290 %
Iron (Fe)	max. 0,010 %	0,0022 %
Bismuth (Bi)	max. 0,010 %	0,0038 %
Copper (Cu)	max. 0,030 %	0,0021 %
Arsenic (As)	max. 0,030 %	0,0003 %
Antimony (Sb)	max. 0,030 %	0,0040 %
Zinc (Zn) + Cadmium (Cd) + Aluminium (Al)	max. 0,002 %	0,0005 %
	Impurities max. 0,100 %	

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

Physical properties:

Colour: light grey / silver-yellowish
 Density: 7,31 g/cm³
 Melting point: 232 °C

Dimensions:

Dimensions: approx. 15 x 15 mm
 Length: variable, from 15 mm up to 45 mm

The dimensions of the pieces are controlled during the production.

Other characteristics:

- great solubility behaviour
 - without holes or pores
 - produced in a special oxide reduced casting process
- Benefits:
- Considerably less residue in the bath
 - Bath requires less frequent cleaning