



TECHNICAL DATA SHEET

Product:

Tin-anodes

Purity 99,9 % (also available in low-lead-quality)

On request according 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 certificate)

Physical properties:

Colour: silver - yellowish

Density: 7,31 g/cm³

Melting point: 232 °C

Standard – dimensions and –profiles:

Width	Thickness	Length	Type
100 – 200 mm	5 – 20 mm	variabel	both sides smooth
	8 – 50 mm	variabel	round, massive
ca. 85 mm	ca. 65 mm	variabel	oval, profiled
ca. 73 mm	ca. 50 mm	variabel	oval, profiled
ca. 70 mm	ca. 40 mm	variabel	oval, profiled
ca. 60 mm	ca. 35 mm	variabel	oval, profiled
ca. 80 mm	ca. 40 mm	variabel	oval, smooth

Various other dimensions are also available. On request we provide all anodes with a thread or a hole.

Other characteristics:

We obtain our tin exclusively from conflict free smelters. On request we issue an appropriate confirmation.