



Westfalenzinn

Technical Data Sheet

Product:

Fine-Zinc-Wire
Purity 99,995%
(Special-High-Grade)
accord. to DIN EN 1179

Packaging units

Fibre drums á 250 kg
Metal drums á 200 – 500 kg
Open center reels á 20 kg
Mandrel reels á 15 kg
Rings á 25 kg



Chemical composition:

Element	Ingredients – DIN EN 1179	Example of an original sample
Zinc (Zn)	min. 99,995 %	min. 99,9950 %
Lead (Pb)	max. 0,003 %	0,0018 %
Cadmium (Cd)	max. 0,003 %	0,0002 %
Iron (Fe)	max. 0,002 %	0,0003 %
Tin (Sn)	max. 0,001 %	0,0005 %
Copper (Cu)	max. 0,001 %	0,0002 %
Aluminium (Al)	max. 0,001 %	0,0001 %
	Impurities max. 0,005 %	

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

Physical properties:

Colour: light grey / silver
Density: 7,14 g/cm³
Melting point: 420 °C

Diameter and Tolerances:

Ø	Tolerance - DIN EN ISO 14919	Ø	Tolerance - DIN EN ISO 14919
1,6 mm	+ 0 mm, - 0,05 mm	3,0 mm	+ 0 mm, - 0,07 mm
2,0 mm	+ 0 mm, - 0,06 mm	3,175 mm	+ 0 mm, - 0,07 mm
2,5 mm	+ 0 mm, - 0,06 mm	More	On demand

The diameter of the wire is continuously monitored in the production. We will also issue a corresponding certificate.

Other characteristics (DIN EN ISO 14919):

- Straight surface, no splinters, free of cavities, spliss and corrosion products.