

Sn99.9 Massivdraht_solid wire

Rev: 21.11

Date	2021.11.10
Language	English
SDS	950001



SUMMARY

Pure tin is suitable for use in surface finishing or as a refill material for liquid solder baths

ALLOY	Sn99.9 Massivdraht_solid wire
PROCESS	
corrosion protection	7
Wear Protection	6
INDUSTRY APPLICATION	
Soluble anode	1
Insoluble anode	1

PROCESS CAPABILITY	
Flame spraying	7
Arc Spraying	5
Plain Bearing Process	5
Capacitor contacting	8
Dissolution Behaviour	1
Cast / Cast-in suspension	1
Soldered suspension (copper)	1
Insulation possible	1

Legend	
<i>Especially made for this purpose</i>	5
<i>Generally qualified for this purpose</i>	4
<i>Generally usable, but not the best choice</i>	3
<i>Generally not usable for this purpose</i>	2
<i>Wrong choice</i>	1

PROPERTIES	
Manufacturing standard	WBZ: Reinzinn 2012-12
Alloy Code	Sn
Alloy composition	Sn99.9

COMPOSITION		
Tin	[Sn]	min. 99.9
Silver	[Ag]	max. 0.04
Aluminum	[Al]	max. 0.001
Arsenic	[As]	max. 0.03
Gold	[Au]	max. 0.04
Bismuth	[Bi]	max. 0.03
Cadmium	[Cd]	max. 0.001
Copper	[Cu]	max. 0.03
Iron	[Fe]	max. 0.01
Indium	[In]	max. 0.03
Nickel	[Ni]	max. 0.01
Lead	[Pb]	max.0.05

DELIVERY FORM*		*other dimensions on request
Solid wire	Ø [mm]	1.0 - 6.0

Check material compatibility with every process change!

Read AN before use.

Read MSDS before use.

Disclaimer:

The information given in this publication has been worked up to the best of the knowledge of Cobar as well as taking into consideration the applicable laws and regulations. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.