Product data sheet

BALVER ZINN®

Sn99.9-Anode

Rev: 21.11

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Language English

SDS 950001

BALVERZINN.COM

SUMMARY

Soluble pure tin anodes are suitable for use in tin electroplating and are available as bulk material as well as billets and plates.

ALLOY	Sn99.9-Anode
PROCESS	
corrosion protection	7
Wear Protection	6

INDUSTRY APPLICATION	
Soluble anode	9
Insoluble anode	1

PROCESS CAPABILITY	
Flame spraying	1
Arc Spraying	1
Plain Bearing Process	6
Capacitor contacting	1
Electroplating	9
Dissolution Behaviour	9
Cast / Cast-in suspension	9
Soldered suspension (copper)	2

PROPERTIES	
Manufacturing standard	WBZ: Reinzinn 2012-12
Alloy Code	Sn Anode
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

Legend	
Especially made for this purpose	9 - 10
Generally qualified for this purpose	7 - 8
Generally usable, but not the best choice	5 - 6
Generally not usable for this purpose	3 - 4
Wrong choice	1 - 2

DELIVERY FORM*		*other dimensions on request
Plates	LxBxH [mm]	600-1000 x 200 x 10
Billets	LxBxH [mm]	100-1250 x 85 x 60
Spheres	Ø [mm]	50
Pellets	Ø [mm]	12 x 25
Solid wire	Ø [mm]	-
Round solid	Ø [mm]	-
Tube	Ø Outer [mm]	-
	Ø Inner [mm]	-
Ribbon	Width [mm]	5 - 40
Length (round solid, tube, ribbon)	Length [mm]	100 - 6000

Check material compatibility with every process change!

Read AN before use.

Read MSDS before use.