



General Information

BALVER ZINN SOLDER Sn63Pb37 (SW) is a standard tin lead solder alloy for wave and selective soldering. **BALVER ZINN SOLDER Sn63Pb37 (SW)** can be used also dip tinning. Applicable soldering temperatures between 245 – 300°C. In dependence from the pcb structure we recommend solder bath temperatures between 245 - 255°C.

Technical information and further Technical Data Sheets can be found on our website (www.BALVERZINN.com). And of course, you can also obtain all information and documents directly from **BALVER ZINN**.

BALVER ZINN Production Programme

The **BALVER ZINN** production programme also includes solder bar, solder pastes and flux. In addition to the **SN100C** product family, **BALVER ZINN** offers other unpatented and patented solder alloys for wave soldering, reflow and rework.

Physical properties of Sn63Pb37

Melting point °C	183
Specific Gravity g/cm ³	8.4

Composition of Sn63Pb37

Element	Sn63Pb37 SW According to WBZ:BaTiLoy in weight- %
Sn	63 +/- 0,5
Pb	remainder
Al	max. 0,001
As	max. 0,005
Bi	max. 0,010
Cu	max. 0,005
Cd	max. 0,001
Fe	max. 0,005
P	0.001
Sb	max. 0,02
Zn	Max. 0.001

Delivery size

Format	L in mm	B in mm	H in mm
Ingots	1 kg	325	28
	4 kg	300	50
Ingots with hole	3,7 kg	540	50
	6 kg	570	48
Bar 1 kg	300	30	15
Pellet	12 x 25		
Wire, solid on reel	Ø 1.0 – 6.0		

Storage Conditions / Durability

Dry storage at room temperature / minimum 2 years

Safety Advice

Before using please refer to the appropriate Material Safety Data Sheet.

The information in this Data Sheet is based on data considered accurate. The measured values stated are based on own measurements, but do not represent assured properties or delivery specifications. Because of the vast number of different materials and applications – also with respect to possible protective rights of third parties – Balver Zinn Josef Jost GmbH & Co. KG **cannot** accept any liability.



OUR GLOBAL PARTNERS FOR LEAD-FREE SOLDERS

Nihon Superior Co., Ltd Phone:+81(0) 6-63 80 11 21 Fax: +81(0) 6-63 80 12 62 E-mail: info@nihonsuperior.co.jp Web page: www.nihonsuperior.co.jp	DKL Metals Ltd., Avontoun Works Phone:+44 (0)1506-847710 Fax: +44 (0)1506-848199 E-mail: sales@dklmetals.co.uk Web page: www.dklmetals.co.uk	Florida CirTech, Inc. Phone:+1 (970) 346-8002 Fax: +1 (970) 346-8331 E-mail: b.gilbert@fctassembly.com Web page: www.fctassembly.com
--	--	--