


Припой экологический бессвинцовый S-Sn99Cu1 wires without flux, bars, rods



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1. General characteristics

S-Sn99Cu1 solder manufactured in the first melt of tin and copper according to PN EN 29453:24 standard in continuous casting process in air-free environment; afterwards extruded, in order to eliminate oxide occurrence. Popular soft solder, used as a low-cost replacement for lead-tin solders.

2. Chemical characteristics

- 2.1 Tin contents: rest
2.2 Copper contents: $0,7 \pm 0,2\%$
2.3 Contents of first smelting purity: 99,90%
2.4 Max. impurities:

Pb	Ag	Cd	Sb	Bi	Fe	Zn	Al	As	inne
0,10%	0,01%	0,002%	0,10%	0,10%	0,02%	0,001%	0,001%	0,03%	0,08%

3. Physical characteristics

- 3.1 Melting point: 227 °C
3.2 Density: 7,3 g/cm³
3.3 Manufactured diameters: - in range of 0,25 - 5,00 mm.
3.4 Working temperature: 300 to 400°C

4. Product form

- 4.1 Manufactured diameters: in range of 0,25- 5,00mm (or by arrangement)
4.2 Rods / bars dimensions: - extruded bars 7x7x350, 7x21x350, 10x40x350
- triangle cast bars 12x12x400mm

5. Packaging

- 5.1 Spooled wire 250 g, 500 g, 1 kg, or by arrangement
5.2 Cartooned by 10 kg
Bars cartooned: - extruded bars by 25 kg, cast bars by 15 kg
5.3 Spools and cartoons marked with solder type, diameter and batch number.

The product meets the requirements of the RoHS Directive 2002/95/EC and requirements of other regulations concerning the use of harmful substances (such as Dz.U. Nr 229 dated October 21, 2004 Poz. 2310)



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