


# Припой экологический бессвинцовый S-Sn97Ag3 bars, rods, wires without flux



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## 1. General characteristics

S-Sn97Ag3 solder manufactured in the first melt of tin and silver according to PN-EN 29453 standard in continuous casting process in air-free environment; afterwards extruded, in order to eliminate oxide occurrence. Intended for soldering and as a correction solder alloy to the solder SAC305.

## 2. Chemical characteristics

- 2.1 Tin contents: rest  
2.2 Silver contents: Ag 3,0 ± 0,2%  
2.3 Contents of first smelting purity: 99,90%  
2.4 Max. impurities:

Pb	Cu	Cd	Sb	Bi	Fe	Zn	Al	As	other
0,10%	0,05%	0,002%	0,12%	0,10%	0,02%	0,001%	0,001%	0,03%	0,08%

\* - real contents of Pb max 0,06% (600 ppm)

## 3. Physical characteristics

- 3.1 Melting point: 221 - 224 °C  
3.2 Density: 7,40 g/cm<sup>3</sup>  
3.3 Assortment:  
- wires from 0,25 mm to 5,00 mm diameters,  
- triangle cast bars 12 x 12 x 400 mm,  
- bars (trapezium) 20 x 40 x 550 with hole.  
3.4 Working temperature: 260 - 350°C  
3.5 Calority: 0,232 J/g K

## 4. Packaging

- 4.1 Spooled wire 250 g, 500 g, 1 kg, or by arrangement.  
4.2 Cartooned by 10 kg  
Bars cartooned: - extruded bars by 25 kg, cast bars by 20 kg.  
4.3 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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