

# Припой экологический бессвинцовый SAC 305 (SnAg3Cu0,5) wires without flux, bars, rods

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**БТ** БелТерраТранс-официальный торговый партнер  
Synel Unipress в России и Беларуси.

## 1. General characteristics

S-Sn96,5Ag3Cu0,5 solder manufactured in the first melt of tin, silver and copper according to PN-EN ISO 9453 standard in continuous casting process in air-free environment; afterwards extruded, in order to eliminate oxide occurrence.

## 2. Chemical characteristics

- 2.1 Tin contents: rest  
2.2 Silver contents: 2,8 - 3,2%  
2.3 Copper contents: 0,5 ± 0,2%  
2.4 Contents of first smelting purity: 99,90%  
2.5 Max. impurities:

Pb*	Cd	Sb	Bi	Fe	Zn	Al	As	other
0,1%	0,002%	0,10%	0,10%	0,02%	0,001%	0,001%	0,03%	0,08%

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

## 3. Physical characteristics

- 3.1 Melting point: 217 - 219 °C  
3.2 Density: 7,37 g/cm<sup>3</sup>  
3.3 Calority: 0,232 J/kg C  
3.4 Assortment:  
- wires from 0,25 mm to 5,00 mm diameters,  
- extruded bars 7 x 7 x 350 mm,  
- bars 10 mm x 40 mm x 1 kg  
- bars (trapezium) 20 x 40 x 550 mm with hole.

## 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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