

# Припой свинцовый в прутах S-Sn63Pb37 (LC63)



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## 1. General characteristics

S-Sn63Pb37 solder manufactured in the first melt of tin and lead according to PN EN 29453:2000 standard in continuous casting process in air-free environment; afterwards extruded, in order to eliminate oxide occurrence.

## 2. Chemical characteristics

- 2.1 Tin contents: 62,5% to 63,5%  
2.2 Lead contents: rest  
2.3 Tin and lead of first smelting purity: 99,90%  
2.4 Max. impurities:

Cu	Ag	Cd	Sb	Bi	Fe	Zn	Al	As	other
0,05%	0,005%	0,002%	0,05%	0,05%	0,02%	0,001%	0,001%	0,03%	0,05%

## 3. Physical characteristics

- 3.1 Melting point: eutectic 183°C  
3.2 Density: 8,40 g/cm<sup>3</sup>  
3.3 Assortment:  
- rods,  
- bars,  
- wires with or without flux from 0.25 mm to 5.00 mm diameters  
3.4 Working temperature: 320°C to 400°C

## 4. Usage

S-Sn63Pb37 solder is primarily applied in electronic industry, for manufacturing of standard devices and electronic components, bath soldering of printed circuits, electrotechnics and precision soldering in mechanical engineering.

## 5. Packaging

- 5.1 Spooled wire 100 g, 250 g, 500 g, 1 kg,  
cartooned by 6 kg (100 g spools)  
and 10 kg (others).  
5.2 Spools and cartons marked by kind of solder, flux type, diameter and batch number.  
5.3 Bars cartooned by 25-30 kg; marked with solder type and batch number.  
5.4 Rods - marked with solder type and batch number.