

# Припой свинцовый S-Pb90Sn10 (LC10)



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## 1. General characteristics

S-Pb90Sn10 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: 9,5% to 10,5%  
2.2 Lead contents: rest  
2.3 Tin and lead of first smelting purity: 99,90%  
2.4 Max. impurities:

Cu	Cd	Sb	Bi	Fe	Zn	Al	As	other
0,08%	0,005%	0,50%	0,25%	0,02%	0,001%	0,001%	0,03%	0,08%

## 3. Physical characteristics

- 3.1 Melting point: 268°C to 299°C  
3.2 Density: 10,80 g/cm<sup>3</sup>  
3.3 Assortment: - wires with or without flux from 0.7 mm to 5.00 mm diameters  
- extruded bars 7 x 7 x 350 mm  
3.4 Working temperature: 340°C to 450°C

## 4. Packaging

- 4.1 Spooled wire 1.5 kg and 10 kg.  
Cartooned by 10 kg.  
Bars cartooned by 25-30 kg;  
marked with solder type and batch number.  
4.2 Spools and cartons marked by kind of solder, flux type, diameter and batch number.