



## **SAC305** **S-SnAg3Cu0,5**

### **1. General characteristics**

S-Sn96,5Ag3Cu0,5 solder manufactured in the first melt of tin, silver and copper 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: rest
- 2.2 Silver contents:  $3\% \pm 0.2\%$
- 2.3 Copper contents:  $0,5\% \pm 0,1\%$
- 2.4 Tin and silver of first smelting purity: 99.90%
- 2.5 Max. impurities:

	<b>Pb</b>	<b>Cd</b>	<b>Sb</b>	<b>Bi</b>	<b>Fe</b>	<b>Zn</b>	<b>Al</b>	<b>As</b>	<b>other</b>
	0.05%	0.002%	0.10%	0.10%	0.02%	0.001%	0.001%	0.03%	0.08%

### **3. Physical characteristics**

- 3.1 Melting point: 217-219°C
- 3.2 Density: 7.37 g/cm<sup>3</sup>

### **4. Packaging**

- 4.1 Spooled wire 250 g, 500 g and 1 kg.

