

## Technical Data Sheet BrazeTec Soldamoll 230

### Standard

Alloy-No. acc. ISO 9453 402  
(ISO 3677) (Sn97Cu3)

### Nominal composition [wt.-%]

Permitted impurities max. [wt.-%] Sn remainder; Cu 3  
Pb 0.10; Sb 0.10; Bi 0.10; Au 0.05; In 0.10; Ag 0.10; Al 0.001;  
As 0.03; Cd 0.002; Fe 0.02; Ni 0.01; Zn 0.001

### Technical data

Melting range approx. 227 - 310°C  
Density approx. 7.3 g/cm<sup>3</sup>  
Shear strength acc. DIN EN 12797 with S235: 25 MPa; with Cu 30 MPa; with Ms 20 MPa  
Electrical Conductivity approx. 7.5 m/Ωmm<sup>2</sup>

### Standard delivery forms\*

Wire: 0.8 - 4.0 mm Ø  
Rods: 1.5 - 2.0 - 3.0 mm Ø, 500 mm length  
Ribbon: 0.1/ 0.2/ 0.3/ 0.4 mm thickness and 40 mm width

\*Other delivery forms upon request

### Applications

BrazeTec Soldamoll 230 is a soft solder free of Antimony and Lead with excellent flow characteristics. It can be used for soldering any steels, copper and copper-based alloys as well as for nickel and nickel-based alloys. It can be used for soldering with a flame, with induction heating, with resistance heating and with soldering iron.

Typical applications are found e.g. in the electric industry, food industry and sanitary industry.

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