

## Technical Data Sheet BrazeTec Soldamoll 230

### Standard

Alloy-No. acc. ISO 9453 (ISO 3677)	402 (Sn97Cu3)
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### Nominal composition [wt.-%]

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