

Technical Data Sheet BrazeTec Soldamoll 235

Standard

Alloy-No. acc. ISO 9453 201
(ISO 3677) (Sn95Sb5)

Nominal composition [wt.-%]

Permitted impurities max. [wt.-%] Sn remainder; Sb 5.0
Pb 0.10; Bi 0.10; Cu 0.05; Au 0.05; In 0.10; Ag 0.10; Al 0.0
As 0.03; Cd 0.002; Fe 0.02; Ni 0.01; Zn 0.001

Technical data

Melting range approx. 235 - 240 °C
Density approx. 7.2 g/cm³
Shear strength acc. DIN EN 12797 with S235: 30 MPa; with Cu 30 MPa; with brass 20 MPa
Electrical Conductivity approx. 6.2 m/Ωmm²

Standard delivery forms*

Wire: 0.8 - 4.0 mm Ø
Rods: 1.5 - 2.0 - 3.0 mm Ø, 500 mm length

*Other delivery forms upon request

Applications

BrazeTec Soldamoll 235 is a soft solder with excellent flow characteristics. It can be used for brazing 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 and in the refrigeration and air conditioning engineering.

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