



Technical Data Sheet BrazeTec Soldamoll 220



TD BT 0804 E.01

Standard

S-Sn96Ag4 acc. DIN EN 29453 (L-SnAg5 acc. DIN 1707)
S-Sn96Ag4 acc. ISO 3677

Nominal composition in wt.-% Sn remainder; Ag 3,75

Permitted impurities (weight-%):

Pb 0,1; Sb 0,1; Bi 0,1; Cd 0,002; In 0,05; Cu 0,05; Al 0,001; As 0,03; Fe 0,02; Zn 0,001; Total impurities 0,2

Technical data

Melting range	app. 221 °C (DIN EN 29453)
Density	app. 7,3 g/cm ³
Shear strength	Cu 30 MPa; Ms 20 MPa; St37 25 MPa
Electrical Conductivity	app. 7,5 m/ Ωmm ²

Standard delivery form

Wire: 0,8 - 4,0 mm dia.

Rods: 1,5 - 2,0 - 3,0 mm dia., 500 mm length

Ribbon: 0,1/ 0,2/ 0,3/ 0,4 mm thickness and 40 mm width

*Other delivery forms on request

Application

BrazeTec Soldamoll 220 is a soft solder free of Antimony and Lead 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, food industry and sanitary industry.

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