

Technical Data Sheet BrazeTec Soldamoll 220

Standard

Alloy-No. acc. ISO 9453 (ISO 3677)	703 (Sn96.5Ag3.5)
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Nominal composition [wt.-%]

Permitted impurities max. [wt.-%]	Sn remainder; Ag 3.5 Pb 0.10; Sb 0.10; Bi 0.10; Cu 0.05; 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. 221 °C
Density	approx. 7,3 g/cm ³
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 ²

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 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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