

## Technical Data Sheet BrazeTec 2500

### Standard

ISO 17672 Ag 225  
(DIN EN 1044) (AG 205)

### Nominal composition [wt.-%]

Permitted impurities max. [wt.-%]

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Ag 25; Cu 40; Zn 35

Al 0.001; Bi 0.030; Cd 0.010; P 0.008; Pb 0.025; Si 0.05

0.15

### Technical data

Melting range

approx. 700 - 790 °C

Working temperature

approx. 780 °C

Density

approx. 8.8 g/cm<sup>3</sup>

Tensile strength acc. DIN EN 12797

with S235: 380 MPa; with E295: 430 MPa

Elongation

approx. 25 %

Operating temp. of brazed joint

approx. -200 °C to +200 °C (without loss in strengt)

### Standard delivery forms\*

Wire:

1.0 - 1.5 - 2.0 mm Ø

Rods:

1.0 - 1.5 - 2.0 mm Ø, 500 mm length

Ribbon:

0.1/ 0.2/ 0.3/ 0.4 mm thickness and 70 mm width

Preforms:

rings, shaped parts, sections, stamped and shaped parts, shims, discs, perforated plates

\*Other delivery forms upon request

### Applications

BrazeTec 2500 is a low melting silver based brazing alloy 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 flame or induction brazing procedures.

Typical applications are found e.g. in automotive and in the electric industry.

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