## Technical Data Sheet BrazeTec 3075

### Standard
ISO 17672  
(DIN EN 1044) (AG 204)  
(AWS 5.8) (BAg-20)

### Nominal composition [wt.-%]
Ag 30; Cu 38; Zn 32

### Permitted impurities max. [wt.-%]
Al 0.001; Bi 0.030; Cd 0.010; P 0.008; Pb 0.025; Si 0.05

### Max. impurities [wt.-%]
0.15

### Technical data

#### Melting range
approx. 680 - 765 °C

#### Working temperature
approx. 750 °C

#### Density
approx. 8.9 g/cm³

#### Tensile strength acc. DIN EN 12797
with S235: 380 MPa; with E295: 430 MPa

#### Elongation
approx. 20 %

#### Operating temp. of brazed joint
approx. -200 °C to +200 °C (without loss in strength)

### 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 3075 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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