

Technical Data Sheet BrazeTec 3075

Standard

ISO 17672 Ag 230
 (DIN EN 1044) (AG 204)
 (AWS 5.8) (BAg-20)

Nominal composition [wt.-%]

Permitted impurities max. [wt.-%]
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Ag 30; Cu 38; Zn 32
 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. 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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