



Technical Data Sheet BrazeTec 3075



TD BT 0011 E.01

Standard

AG 204 acc. DIN EN 1044 (L-Ag30 acc. DIN 8513)
B-Cu38ZnAg-680/765 acc. ISO 3677

Nominal composition in wt.-% Ag 30; Cu 38; Zn 32

Permitted impurities (weight-%):

Al 0,001; Bi 0,030; Cd 0,030; P 0,008; Pb 0,025; Si 0,05; Total impurities 0,15

Technical data

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| Melting range | app. 680 - 765 °C (DIN EN 1044) |
| Working temperature | app. 750 °C |
| Density | app. 8,9 g/cm ³ |
| Tensile strength acc. DIN 8525 | with St 37: 380 MPa; with St 50: 430 MPa |
| Elongation | app. 25% |
| Operating temperature of brazed joint | max. 200 °C (without loss in strength) |

Standard delivery form*

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 on request

Application

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 brazing with flame or induction brazing procedures.

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

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