



# Technical Data Sheet BrazeTec 3076



TD BT 0008 E.02

## Inhalt

### Standard

DIN EN 1044  
ISO 3677

AG 107 (L-Ag30Sn acc. DIN 8513)  
B-Cu36ZnAgSn 665/755

### Nominal composition [wt.-%]

Permitted impurities max. [wt.-%]  
Max. impurities [wt.-%]

Ag 30; Cu 36; Zn 32; Sn 2  
Al 0,001; Bi 0,030; Cd 0,010; P 0,008; Pb 0,025; Si 0,05  
0,15

### Technical data

Melting range  
Working temperature  
Density  
Tensile strength acc. DIN EN 12797  
Operating temp. of brazed joint

approx. 665 - 755 °C (DIN EN 1044)  
approx. 740 °C  
approx. 8,8 g/cm<sup>3</sup>  
with S235: 360 MPa; with E295: 480 MPa  
max. 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 3076** 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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### Dokumenten-Informationen

Dokument	Helmut Ries/Wolfgang/LNWW		
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