



Technical Data Sheet BrazeTec CoMet 3076U



TD TM-BT 0409 E.00

Inhalt

Standard

Brazing Alloy:
DIN EN ISO 17672 Ag 130
(DIN EN 1044) (AG 107)
Flux:
US-Standard ANSI/AWS A5.8 FH10

Brazing Alloy

Nominal composition [wt.-%] Ag 30; Cu 36; Zn 32; Sn 2
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. 665 - 755 °C
Working temperature approx. 740 °C
Density approx. 8.8 g/cm³
Tensile strength acc. DIN EN 12797 with S235: 360 MPa; with E295: 480 MPa
Operating temp. of brazed joint approx. -200 °C to +200 °C (without loss in strength)

Standard delivery forms *

Rods: 1.5 - 2.0 mm Ø, 500 mm length
*Other delivery forms upon request

Applications

BrazeTec CoMet 3076U is a flux coated low melting silver based brazing alloy with excellent flow characteristics. The flux residues are corrosive have to be removed. 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.

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

Note for user: The flux residues are corrosive and have to be removed

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