



Technical Data Sheet BrazeTec CoMet 3003 U



TD BT 0502 E.02

Inhalt

Cadmium - containing brazing alloy .

Please note the recommendations in our
Material Safety Data Sheet.

Standard

Brazing Alloy:

DIN EN 1044

ISO 3677

Flux:

US-Standard ANSI/AWS A5.8

AG 306 (L-Ag30Cd acc. DIN 8513)

B-Ag30CuCdZn 600/690

Type FH10

Brazing Alloy

Nominal composition [wt.-%]

Permitted impurities max. [wt.-%]

Max. impurities [wt.-%]

Ag 30; Cu 28; Zn 21; Cd 21

Al 0,001; Bi 0,030; P 0,008; Pb 0,025; Si 0,05

0,15

Technical data

Melting range

Working temperature

Density

Tensile strength acc. DIN EN 12797

Elongation

Electrical Conductivity

m/ Ω mm²

Operating temp. of brazed joint

approx. 600 - 690 °C (DIN EN 1044)

approx. 680 °C

approx. 9,2 g/cm³

with S235: 380 MPa; with E295: 470 MPa

approx. 30 %

approx. 15,0

max. 150 °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 3003 U 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.

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