



## Technical Data Sheet BrazeTec L88/12



TD TM-BT 5001 E.00

### Inhalt

#### Standard

DIN EN ISO 17672  
(DIN EN 1044)  
(AWS 5.8)

Al 112  
(AL 104)  
(BAISI-4)

#### Nominal composition [wt.-%]

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

Al Rem.; Si 12  
Fe 0.8; Cu 0.30; Mn 0.15; Mg 0.10; Zn 0.20;  
Cd 0.01; Pb 0.025; Other each 0.05  
0.15

#### Technical data

Melting range  
Working temperature  
Density

approx. 575 - 585 °C  
approx. 590 °C  
approx.. 2.65 g/cm<sup>3</sup>

#### Standard delivery forms \*

Wire: 1.6 - 2.4 - 2.8 - 3.0 mm Ø  
Rods: 1.0 - 1.5 - 2.0 mm Ø, 500 mm length  
Grain: 100 - 315 µm; 200 - 500 µm  
Preforms: rings

\*Other delivery forms upon request

#### Applications

BrazeTec L88/12 is adapted for brazing of aluminium and low alloyed aluminium alloys with solidus temperatures of 630°C or higher.

It is also possible to braze aluminium to stainless steel.

BrazeTec L88/12 can be used for brazing with flame and furnace brazing procedure, in special cases with induction brazing procedure.

Typical applications are found e.g. brazing of sandwich bottoms, heating elements and radiators.

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