Technical Data Sheet BrazeTec 2500

**Standard**
ISO 17672  Ag 225  
(DIN EN 1044)  (AG 205)

**Nominal composition [wt.-%]**  
Ag 25; Cu 40; Zn 35

**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. 700 - 790 °C
- **Working temperature**: approx. 780 °C
- **Density**: approx. 8.8 g/cm³
- **Tensile strength acc. DIN EN 12797**: with S235: 380 MPa; with E295: 430 MPa
- **Elongation**: approx. 25 %
- **Operating temp. of brazed joint**: approx. -200 °C to +200 °C (without loss in strengt)

**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 2500 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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