



## Brazing alloy BrazeTec 2576 U

### Composition (% in weight)

| Ag | Cu | Zn | Sn | Si | P | Mn | Ni | Other | ISO 17672 | EN 1044:1999 | ISO 3677 |
|----|----|----|----|----|---|----|----|-------|-----------|--------------|----------|
| 25 | 40 | 33 | 2  | -  | - | -  | -  | -     | Ag 125    | AG 108       | -        |

### Technical data:

|  |                                 |
|--|---------------------------------|
| Melting range (°C)                                     | 680 - 760                       |
| Working temperature (°C)                               | 750                             |
| Melting range according to DSC measurement (°C)        | -                               |
| Min. brazing temperature (°C)                          | -                               |
| Electrical conductivity (m/Ω mm <sup>2</sup> )         | -                               |
| Elongation %   | -                               |
| Density (g/cm <sup>3</sup> )                           | 8,7                             |
| Shear strength (MPa)                                   | -                               |
| Tensile strength DIN EN 12797 (MPa)                    | with S 235: 360;with E 295: 480 |
| Operating temperature of brazed joint (min/max) ± (°C) | 200                             |

### Applications

Refrigeration and air conditioning industry, plumbing technology

### Operating conditions

Silver based brazing alloy, flux coated. Excellent flow, capillarity and mechanical strength characteristics. Used for brazing any steels, copper and copper alloys, as well as nickel and nickel alloys.

### Recommended fluxes

Flux as coating of the ISO 18496 FH 10 rod. Flux residues are corrosive and water-soluble, we suggest to remove them with water and / or mechanical brushing.

### Heat sources

Flame, induction heating

### Delivery forms

Coated rods

### Notes

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