



Brazing alloy BrazeTec OT506

SMDS EN OT506 REV. 2

Composition (% in weight)

| Ag | Cu | Zn | Sn | Si | P | Mn | Ni | Other | ISO 17672:2010 | EN 1044:1999 | ISO 3677 |
|----|----|----|----|----|---|----|----|-------|----------------|--------------|----------|
| - | 57 | 38 | - | - | - | - | 5 | - | - | - | - |

Technical data:

| | |
|--|---------|
| Melting range (°C) | 860-910 |
| Working temperature (°C) | - |
| Melting range according to DSC measurement (°C) | - |
| Min. brazing temperature (°C) | - |
| Electrical conductivity (m/Ω mm ²) | - |
| Elongation % | - |
| Density (g/cm ³) | 8,20 |
| Shear strength DIN EN 12797 (MPa) | - |
| Operating temperature of brazed joint (min/max) ± (°C) | - |

Applications

Automotive, electrical industry, mechanical carpentry

Operating conditions

Copper based alloy with excellent flow, capillarity and mechanical strength characteristics. Used for joining galvanized iron, steel, cast iron for deposit layers, nickel and nickel alloys.

Recommended fluxes

S paste, OT/A plus

Heat sources

Flame, induction heating, furnace

Delivery forms

Rods

Notes

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