



## Brazing alloy BrazeTec 2009 U

### Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672	EN 1044:1999	ISO 3677
20	44	35,85	-	0,15	-	-	-	-	-	AG 206	-

### Technical data:

Melting range (°C)	690-810
Working temperature (°C)	810
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductivity (m/Ω mm <sup>2</sup> )	10,6
Elongation %	25
Density (g/cm <sup>3</sup> )	8,7
Shear strength (MPa)	-
Tensile strength DIN EN 12797 (MPa)	with St 37: 380; with St 50: 430
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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