



## Brazing alloy BrazeTec S93 special

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672	EN 1044:1999	ISO 3677
-	Rest	-	-	0,001-0,01	7	-	-	-	CuP 180	CP 202	-

### Technical data:

Melting range (°C)	710 - 820
Working temperature (°C)	730
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductivity (m/Ω mm <sup>2</sup> )	-
Elongation %	5
Density (g/cm <sup>3</sup> )	8,05
Shear strength (MPa)	-
Tensile strength DIN EN 12797 (MPa)	Su Cu: 250
Operating temperature of brazed joint (min/max) ± (°C)	-55/+150

### Applications

Refrigeration and air conditioning industry, plumbing technology, electrical motors

### Operating conditions

Phosphorus containing brazing alloy. Excellent flow, capillarity and mechanical strength characteristics. Used for joining copper and copper alloys.

### Recommended fluxes

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### Heat sources

Flame, induction heating, resistance

### Delivery forms

Wire, rods, ribbon, rings, preforms, powder

### Notes

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