



## Brazing alloy BrazeTec OT510

SMDS EN OT510 REV. 2

### Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672:2010	EN 1044:1999	ISO 3677
-	51	39	-	-	-	-	10	-	-	-	-

### Technical data:

Melting range (°C)	900-930
Working temperature (°C)	-
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> )	8,20
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

Also available coated with FH21 flux.

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