



Brazing alloy Brazetec BlueBrazec 2010

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672	EN 1044:1999	ISO 3677
20	42,8	25	-	0,2	-	10	-	2 In	-	-	B-Cu43ZnAgMnIn(Si)-710/765

Technical data:

Melting range (°C)	-
Working temperature (°C)	-
Melting range according to DSC measurement (°C)	710-765
Min. brazing temperature (°C)	765
Electrical conductivity (m/Ω mm ²)	2,7
Elongation %	-
Density (g/cm ³)	8,3
Shear strength (MPa)	-
Tensile strength DIN EN 12797 (MPa)	with S 235: 300 with E 295: 440
Operating temperature of brazed joint (min/max) ± (°C)	-

Applications

Refrigeration and air conditioning industry

Operating conditions

Silver based alloy with excellent flow characteristics. Suitable for joining steel, copper, copper alloys, as well as nickel and nickel alloys.

Recommended fluxes

N1/T, Super 1, N2/E, H paste, RS/A, FN/E, D 98, H 280

Heat sources

Flame, induction heating, furnace

Delivery forms

Wire, rods, rings, preforms

Notes

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