



Brazing alloy Brazetec BlueBrazec 3010

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672	EN 1044:1999	ISO 3677
30	37,8	20	2	0,2	-	10	-	-	-	-	B-Cu38AgZnMnSn(Si)-690/730

Technical data:

Melting range (°C)	-
Working temperature (°C)	-
Melting range according to DSC measurement (°C)	690-730
Min. brazing temperature (°C)	730
Electrical conductivity (m/Ω mm ²)	2,4
Elongation %	-
Density (g/cm ³)	8,4
Shear strength (MPa)	-
Tensile strength DIN EN 12797 (MPa)	with S 235: 350 with E 295: 430
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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