



Brazing alloy BrazeTec BR12

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672	EN 1044:1999	ISO 3677
-	87,8	-	12	-	0,2	-	-	-	-	CU 202	-

Technical data:

Melting range (°C)	825-990
Working temperature (°C)	-
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductivity (m/Ω mm ²)	-
Elongation %	-
Density (g/cm ³)	8,8
Shear strength (MPa)	-
Tensile 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

Wire, ring, preforms

Notes

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