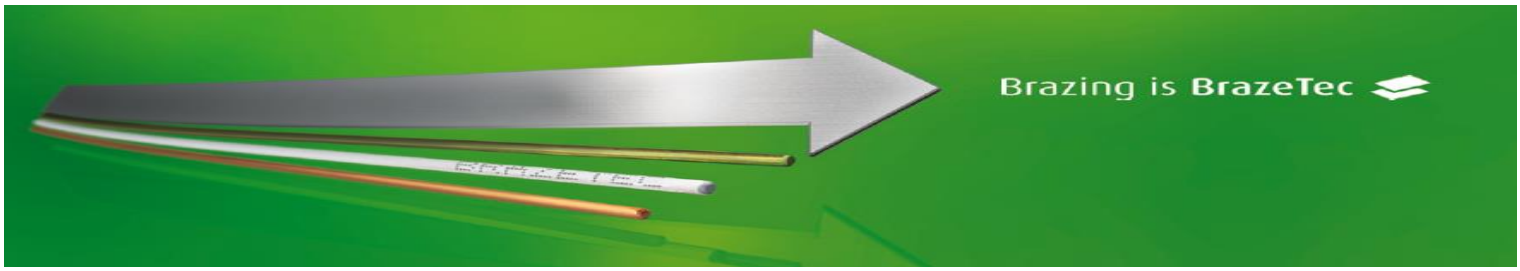
TECHNICAL DATASHEET



Brazing alloy BrazeTec BlueBraze 2010 U

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 conductibility (m/Ω mm²)	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 brazing alloy, flux coated. Excellent flow, capillarity and mechanical strength characteristics. Used for brazing any steels, copper and copper alloys, as well as nickel and nickel alloys.

Recommended fluxes
Flux as coating of the ISO 18496 FH 10 rod. Flux residues are corrosive and water-soluble, we suggest to remove them with water and / or mechanical brushing.

Heat sources
Flame, induction heating

Delivery forms
Coated rods

Notes
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