



Brazing alloy BrazeTec 3075 U

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672	EN 1044	ISO 3677
30	38	32	-	-	-	-	-	-	-	AG 204	-

Technical data:

Melting range (°C)	680 - 765
Working temperature (°C)	750
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductivity (m/Ω mm ²)	-
Elongation %	25
Density (g/cm ³)	8,9
Shear strength (MPa)	-
Tensile strength DIN EN 12797 (MPa)	with S 235:380; with E 295:430
Operating temperature of brazed joint (min/max) ± (°C)	200

Applications

Refrigeration, air conditioning and electrical industry, plumbing technology.

Operating conditions

Silver based brazing alloy with 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

AWS A5.8 (ASME IX): BAg-20

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