



Brazing alloy BrazeTec 5600

TD EN 5600 REV. 4

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672:2010	EN 1044:1999	ISO 3677
56	22	17	5	-	-	-	-	-	Ag 156	AG 102	B-Ag56CuZnSn 620/655

Technical data:

Melting range (°C)	620-655
Working temperature (°C)	650
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductivity (m/Ω mm ²)	7
Elongation %	25
Density (g/cm ³)	9,5
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)	200

Applications

Air conditioning, refrigeration and electrical industry, plumbing technology, precision metal parts, fashion accessories, automotive, spectacle frames (optics)

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

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

Heat sources

Induction heating, flame, furnace in vacuum and under protective atmosphere

Delivery forms

Wire, rods, ribbon, rings, preforms, powder

Notes

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