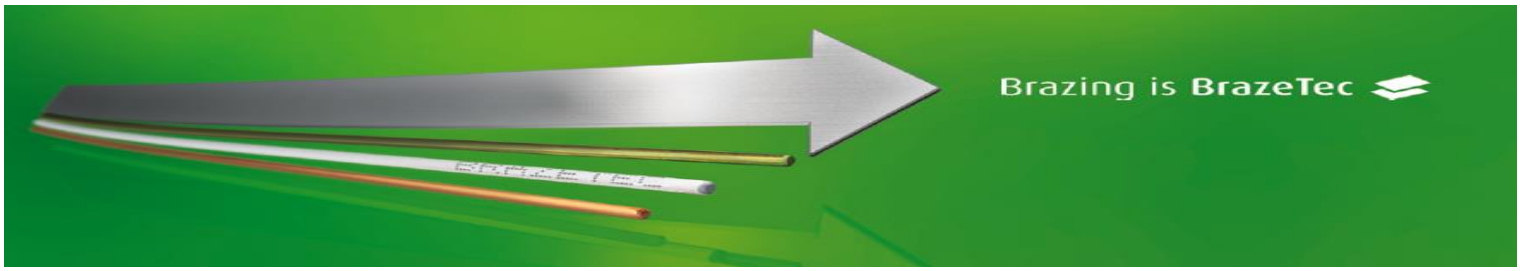
TECHNICAL DATASHEET



Brazing alloy BrazeTec 5662

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672	EN 1044:1999	ISO 3677
56	19	17	5	-	-	-	-	3 Ga	-	-	-

Technical data:

Melting range (°C)	608-630
Working temperature (°C)	630
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductibility (m/Ω mm²)	-
Elongation %	-
Density (g/cm^3)	9,3
Shear strength (MPa)	150 - 250
Tensile strength DIN EN 12797 (MPa)	-
Operating temperature of brazed joint (min/max) ± (°C)	-200 ÷ +300

Applications
Automotive, electrical and tool industry

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, diamond and cemented carbides.

Recommended fluxes
H spezial, H 285, H paste, H 280, H 80

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

Delivery forms
Wire, rods, ribbon

Notes
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