Brazing is BrazeTec

Brazing alloy BrazeTec 5603

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672	EN 1044:1999	ISO 3677
56	27,25	-	-	-	-	-	2,25	14,5 In	Ag 456a	-	-

Technical data:

Melting range (°C)	600-710
Working temperature (°C)	710
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductibility (m/Ω mm²)	-
Elongation %	-
Density (g/cm³)	9,6
Shear strength (MPa)	-
Tensile strength DIN EN 12797 (MPa)	-
Operating temperature of brazed joint (min/max) ± (°C)	200

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, nickel and nickel alloys, stainless steel in corrosive environment.

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

Notes
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