



Brazing alloy BrazeTec OTSi

SMDS EN OTSi REV. 2

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672:2010	EN 1044:1999	ISO 3677
-	59	39,75	1,00	0,25	-	-	-	-	-	-	-

Technical data:

Melting range (°C)	800-840
Working temperature (°C)	-
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conductivity (m/Ω mm ²)	-
Elongation %	-
Density (g/cm ³)	8,20
Shear strength DIN EN 12797 (MPa)	-
Operating temperature of brazed joint (min/max) ± (°C)	-

Applications

Automotive, electrical industry, mechanical carpentry

Operating conditions

Copper based alloy with excellent flow, capillarity and mechanical strength characteristics. Used for joining galvanized iron, steel, cast iron for deposit layers, nickel and nickel alloys.

Recommended fluxes

S paste, OT/A plus

Heat sources

Flame, induction heating, furnace

Delivery forms

Wire, rods, rings

Notes

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