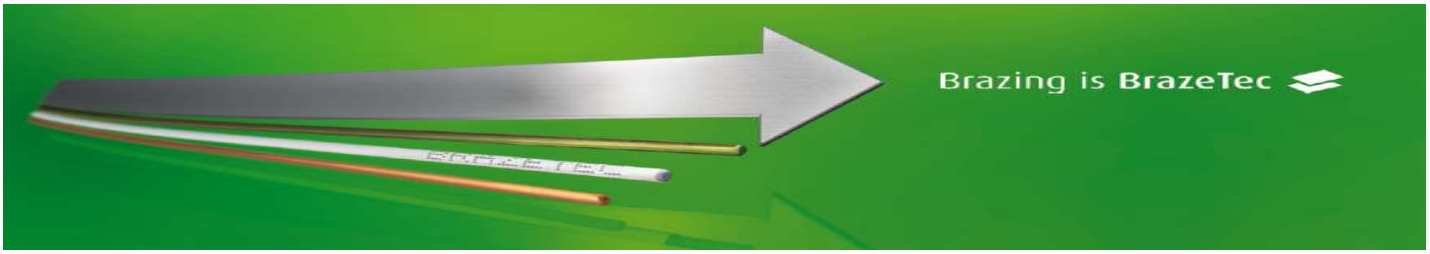
TECHNICAL DATASHEET



Brazing alloy BrazeTec OT510

SMDS EN OT510 REV. 2

Composition (% in weight)

Ag	Cu	Zn	Sn	Si	P	Mn	Ni	Other	ISO 17672:2010	EN 1044:1999	ISO 3677
-	51	39	-	-	-	-	10	-	-	-	-

Technical data:

Melting range (°C)	900-930
Working temperature (°C)	-
Melting range according to DSC measurement (°C)	-
Min. brazing temperature (°C)	-
Electrical conducibility (m/Ω mm²)	-
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
Rods

Notes
Also avaiable coated with FH21 flux.

Italbras S.p.A. part of Umicore –
Strada del Balsego, 6 – 36100 Vicenza (I)
info@italbras.it - www.italbras.it -
Tel. +39 0444.3475-00 / Fax +39 0444.3475-01