

CuAg (LP) Tig

CATEGORY GMAW-GTAW Solid wires

TYPE Copper based Tig filler metal alloyed with silver

APPLICATIONS Electrical contacts, cables, joining copper alloys, rebuilding copper components, installations made from copper tubes etc..

CLASSIFICATION

AWS	A 5.7: no standard
EN ISO	24373:Cu1897 CuAg1
DIN: W.Nr.	2.1211
DIN	1733: SG-CuAg

SUITABLE FOR Rebuilding and reconditioning electrical contacts.

APPROVALS CE approved

WELDING POSITIONS:



ALL WELD METAL COMPOSITION %

Ag	Mn	Cu+Ag	P	Other
0.80-1.00	0.04-0.10	>99.5	0.008-0.020	<0.5

MECHANICAL PROPERTIES

Heat Treatment	Rp0,2 (N/mm ²)	Rm (N/mm ²)	A5 (%)	Impact Energy (J) ISO-V 20°C	Density (Kg/dm ³)	Melting range °C	Hardness HB 2.5
AW		200	30	75	8.9	1070-1080	60

AW: as welded

WELDING PARAMETERS / PACKING

D (mm)	Welding Parameters		Packing (kg)	
	Current (A) (DC-)		single	master
1,6 x 1000	80-130		5	25
2.0 x 1000	120-180		5	25
3.0 x 1000	200-330		5	25
4.0 x 1000	230-420		5	25

REDRYING TEMPERATURE not required

GAS ACC. EN ISO 14175: I1