

CuAg

CATEGORY GMAW-GTAW Solid wires

TYPE Copper GMAW filler metal alloyed with silver

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

PROPERTIES Copper alloy, silver-alloyed-with a slightly higher percentage of phosphor, suitable for MIG welding, easy to handle, high plasticity of the weld metal.

- High quality alloyed copper wire
- The weld metal is a Copper-Silver alloy
- Sound, pore free deposits and high electrical conductivity
- Excellent corrosion resistance

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	R _{p0,2} (N/mm ²)	R _m (N/mm ²)	A ₅ (%)	Impact Energy (J) ISO-V		Melting range °C	Hardness HB 2.5
				20°C	-40°C		
AW		200	30	75		1070-1080	60

AW: as welded

WELDING PARAMETERS / PACKING

Welding Parameters			Packing		
D (mm)	Voltage (V)	Current (A)	spools type	kg / spool	kg / pallet
0.8	25-26	80-140	KD-300	15	1080
1.0	26-27	130-200	KD-300	15	1080
1.2	27-28	185-245	KD-300	15	1080

REDRYING TEMPERATURE not required

GAS ACC. EN ISO 14175: I1