

# CEWELD CuAg Tig

**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.

**PROPERTIES** Copper alloy, silver-alloyed-with a slightly higher percentage of phosphor, suitable for TIG 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: ERCu
EN ISO	24373: Cu 1897 / CuAg1
W.Nr.	2.1211
F-nr	31

**SUITABLE FOR** Rebuilding and reconditioning electrical contacts.  
 2.0040 - OF-Cu,  
 2.0070 - SE-Cu,  
 2.0076 - SW-Cu,  
 2.0090 - SF-Cu

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

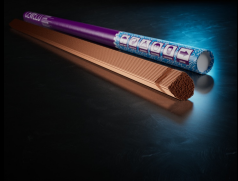
Si	Mn	P	Fe	Cu	Sn	Al	Ni+Co
0.05	0.1	0.03	0.03	99.8	0.8	0.005	0.2

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	200		30	75		HRc

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD CuAg Tig

CUAG TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408402

CUAG TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408419

CUAG TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408464

CUAG TIG 3,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408471

CUAG TIG 4,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408488