



CEWELD CuAg

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	<table border="0"> <tr> <td>AWS</td> <td>A 5.7: ERCu</td> </tr> <tr> <td>EN ISO</td> <td>24373: Cu 1897 / CuAg1</td> </tr> <tr> <td>W.Nr.</td> <td>2.1211</td> </tr> <tr> <td>F-nr</td> <td>31</td> </tr> </table>	AWS	A 5.7: ERCu	EN ISO	24373: Cu 1897 / CuAg1	W.Nr.	2.1211	F-nr	31
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	Sn	Ni+Co	Cu+Ag
0.05	0.01	0.03	0.01	0.05	0.02	99.7

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded	200		30	75		HRc

REDRYING Not required

GAS ACC. EN ISO 14175 11



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CUAG 1,0MM

Packaging	KG/unit	EanCode
D-300	15	8720663408372

CUAG 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408389

CUAG 1,6MM

Packaging	KG/unit	EanCode
D-300	15	8720663408396