



# CEWELD CuAl8

**TYPE** Copper aluminium alloy for Mig welding and brazing

**APPLICATIONS** Rebuilding brass ship propellers and cladding surfaces against wear and corrosion attack. Welding galvanized plates or stainless steel sheets and suitable for cladding cast iron and un- and low alloyed steels.

**PROPERTIES** High quality alloyed copper wire for the Mig process (Mig brazing as well). The weld metal is a Copper-Aluminum bronze. Sound, pore free deposits on ferrous and non-ferrous base materials. Excellent corrosion resistance.

**CLASSIFICATION**

AWS	A 5.7: ERCuAl-A1
EN ISO	24373: Cu 6100 / CuAl7
W.Nr.	2.0921
F-nr	36

**SUITABLE FOR** Brass, copper, steel, CuZn alloys, Ship propeller, AISI 304, sliding Surface, shafts, bearings etc.

**APPROVALS**

**WELDING POSITIONS**



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

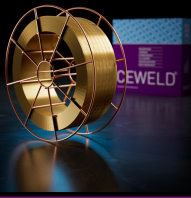
Si	Mn	Cu	Zn	Pb	Al
0.08	0.3	Rem.	0.1	0.01	7

**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		430	40	100		100 HB

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11, 13



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## CUAL8 0,8MM

Packaging	KG/unit	EanCode
D-200	5	8720663408723
D-300	15	8720663408716

## CUAL8 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408730
D-200	5	8720663408754
D-300	15	8720663408747
Drum	250	8720663408761

## CUAL8 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408778
BS-300	15	8720663408785
D-200	5	8720663408808
Drum	250	8720663408792

## CUAL8 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408815
D-300	15	8720663408822
Drum	250	8720663408839