



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 (%)

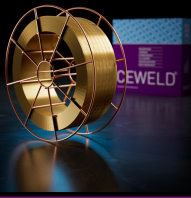
Si	Mn	Cu	Zn	Pb	Al
0.08	0.3	Rem.	0.1	0.01	7

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (MPa)	R _m (MPa)	A ₅ (%)	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