CEWELD CuAl8

certilas® THE FILLER METAL SPECIALIST

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
F-nr	36
W.Nr.	2.0921

SUITABLE FOR	Brass, copper, steel, CuZn alloys, Ship propeller, AISI 304, sliding Surface, shafts, bearings etc.
APPROVALS	No Approvals Found

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

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Impact Energy (J) ISO-V RT	Hardness Brinell Hardness
As Welded /		430	40	100	Avg. 100

REDRYING TEMPERATURE	Not required
GAS ACCORDING EN 14175	I1, I3

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CUAL8 0,8MM

Type	KG/unit	EANCode
D-200	5	8720663408723
D-300	15	8720663408716

CUAL8 1,0MM

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

CUAL8 1,2MM

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

CUAL8 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663408815
D-300	15	8720663408822
Drum	250	8720663408839