CEWELD CuAl9Fe

certilas® THE FILLER METAL SPECIALIST

TYPE

Copper-aluminium welding wire for Mig

APPLICATIONS

Joint welds or building up of aluminum bronze. Cladding components undergoing metal to metal wear. Joining steel to copper alloys, cast iron and or bronze.

PROPERTIES

Special alloyed copper wire for Mig welding. The weld metal is a Cu-Al bronze. Sound, pore free deposits.

CLASSIFICATION

AWS	A 5.7: ERCuAl-A2
EN ISO	24373: Cu 6180 / CuAl10Fe
W.Nr.	2.0937
F-nr	36

SUITABLE FOR

Suitable for seawater resistant applications. Joining steel to copper alloys, cast iron and or bronze. Excellent for metal spraying. Ship propellers, shipbuilding, pump building, shafts, guide grooves etc, UNS : C 60600 - C 61600 - C 68700, DIN : Cu Al5 - Cu Al8 - CuZn20Al2, Werkstoff Nr : 2.0916 - 2.0920 - 2.0960

APPROVALS

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Fe	Cu	Zn	Pb	Al
0.05	1	Rem.	0.01	0.01	10

MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded		500	35	95	140 HB

REDRYING

Not required

GAS ACC. EN ISO 14175

I1, I3

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CUAL9FE 1,0MM

Packaging	KG/unit	EanCode
D-300	15	8720663408846

CUAL9FE 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408853

CUAL9FE 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408860