



CEWELD CuAl9Fe

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)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V	Hardness
	As Welded		500	35	RT	
					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