



CEWELD CuAl9Fe Tig

TYPE	Copper-Aluminium welding TIG rods					
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 rods for Tig 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
	0.064	0.94	Rem.	0.007	0.015	9.21
MECHANICAL PROPERTIES	Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness	
	As Welded		500	35	140 HB	
REDRYING	Not required					
GAS ACC. EN ISO 14175	I1					



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CUAL9FE TIG 1,6 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663408914
CUAL9FE TIG 2,0 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663408945
CUAL9FE TIG 2,4 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663408969
CUAL9FE TIG 3,2 X 1000MM	Packaging	KG/unit	EanCode
	Tube	5	8720663409003