CEWELD AA CuAl14Fe

certilas® THE FILLER METAL SPECIALIST

TYPE	Copper-Aluminum GMAW composite welding wire for cladding applications.
APPLICATIONS	Cladding components undergoing metal to metal wear with high friction and or heavy surface loads on top of cast iron, steels and or bronzes. Deep drawing dies for stainless steel, aluminium, magnesium and titanium parts. Sleeves, spindles, cable winches guides, gliding surfaces, pulling equipment. (usualy preheating 300°C prior to welding is recomended to reduce cracks)
PROPERTIES	• Special alloyed copper composite wire suitable for the Mig process• The weld metal is a Cu-Al bronze with extreme high aluminium content.• Sound, pore free deposits with excelent sliding properties and low friction.
CLASSIFICATION	EN ISO 14700: T Cu1
SUITABLE FOR	CuAl14Fe
APPROVALS	No Approvals Found
WELDING POSITIONS	

TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

C	Fe	Cu	Al
0.2	4	Rem.	13.5

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	$R_{P0,2}$ MPa	Rm MPa	A5 (%)	Hardness Brinell Hardness
As Welded /				Avg. 420

REDRYING TEMPERATURE	Not required
GAS ACCORDING EN 14175	I1, I3

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AA CUAL14FE 1,6MM

Type	KG/unit	EANCode
D-300	13	8720663408990