



CEWELD AA

CuAl12NiFe

TYPE Copper-Aluminum FCAW composite welding wire for cladding applications.

ANWENDUNGEN Cladding components undergoing metal to metal wear with high friction and or heavy surface loads on top of cast iron, steels and or bronzes.

EIGENSCHAFTEN

- Special alloyed copper composite wire suitable for the Mig process
- The weld metal is a Cu-Al-Ni bronze with extreme high aluminium content.
- Sound, pore free deposits with excellent sliding properties and low friction.

KLASSIFIKATION EN ISO 14700: T Cu1

GEEIGNET FÜR Cu – Mn – Ni – Al bronze

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPICAL CHEMICAL ANALYSIS OF WELD METAL (%)

Mn	Ni	Fe	Cu	Al
0.9	4.5	2.2	Rem.	12

MECHANISCHE GÜTEWERTE

Heat Treatment	R _{P0.2} (MPa)	R _m (MPa)	A ₅ (%)	Hardness
As Welded				320 HB

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 11, 13



CEWELD AA CuAl12NiFe

AA CUAL12NIFE 1,2MM

Packaging	KG/unit	EanCode
D-300	13	8720663408938

AA CUAL12NIFE 1,6MM

Packaging	KG/unit	EanCode
D-300	13	8720663408952