



CEWELD AA CuAl12NiFe

TYPE Copper-Aluminum FCAW 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.

PROPRIÉTÉS

- 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.

CLASSIFICATION EN ISO 14700: T Cu1

CONVIENT POUR Cu – Mn – Ni – Al bronze

AGRÉMENTS

POSITIONS DE SOUDAGE



**ANALYSE CHIMIQUE
TYPIQUE DU MÉTAL DE
SOUDURE (%)**

| Mn | Ni | Fe | Cu | Al |
|-----|-----|-----|------|----|
| 0.9 | 4.5 | 2.2 | Rem. | 12 |

PROPRIÉTÉS MÉCANIQUES

| Heat Treatment | R _{P0.2} (MPa) | R _m (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded | | | | 320 HB |

ETUVAGE 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 |