



CEWELD CuAl11

TYPE Copper-aluminium welding wire for MIG / TIG application

APPLICATIONS Building up of aluminum bronze. Cladding components undergoing metal to metal wear. Cladding cast iron and or bronze.

PROPERTIES Special alloyed copper wire for Mig and Tig welding. The weld metal is a Cu-Al bronze with high aluminium content. Sound, pore free deposits.

CLASSIFICATION AWS A 5.7: ER CuAl-A3
EN ISO 24373: Cu 6240 / CuAl11Fe3

SUITABLE FOR Suitable for seawater resistant applications. cladding steel and or copper alloys, cast iron and or bronze. Excellent for metal spraying. Ship propellers, pumps, shafts, guide grooves, braking blocks, piston shafts, bearings, steel mill rollers etc,

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

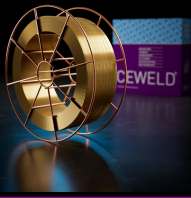
| Cu | Zn | Fe | Al |
|------|-----|----|----|
| Rem. | 0.1 | 3 | 11 |

MECHANICAL PROPERTIES

| Heat Treatment | R _{p0,2} (MPa) | R _m (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded | 300 | 600 | 20 | 170 HB |

REDRYING Not required

GAS ACC. EN ISO 14175 I1, I3



CEWELD CuAl11

CUAL11 1,14MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| D-300 | 15 | 8720663424297 |

CUAL11 1,2MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| D-300 | 15 | 8720663424266 |