

CEWELD CuMn13Al7

TYPE CuMnAlNi (W.Nr: 2.1367) Mig/Mag welding wire.

ANWENDUNGEN Joint welds or building up of aluminum bronze. Cladding components undergoing metal to metal wear under high pressure. Especially suited for marine environments. The addition of manganese and nickel improves hardness and strength. Excellently suitable for joining and cladding of copper alloys, unalloyed and low-alloy steels and grey cast iron.

EIGENSCHAFTEN Highest grade of the Al-Bronze-types. Seawater-resistant copper-aluminum alloy without Zn with high toughness and improved hardness. "Very good weldability compare to the more common Al-bronzes."

KLASSIFIKATION
 AWS A 5.7: ERCuMnNiAl
 EN ISO 24373: Cu 6338 / CuMn13Al8Fe3Ni2
 W.Nr. 2.1367
 F-nr 37

GEEIGNET FÜR Ship propellers, copper, brass, pumps, seawater, desalting equipment, marine, pulling tools, shafts, guide grooves, sliding surfaces, cast iron, pully, UNS : C62300 - C63000, DIN : CuAl10Fe3Mn2 - CuAl10Ni5Fe4 - G-CuAl10Fe, Mat n° : 2.0936 - 2.0966 - 2.0940, CuNiAl, superstone etc..

ZULASSUNGEN

SCHWEISSPOSITIONEN



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

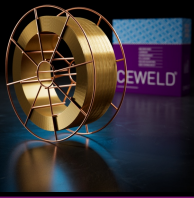
| Si | Mn | Fe | Cu | Zn | Pb | Al | Ni+Co |
|------|----|----|------|-----|------|----|-------|
| 0.05 | 13 | 3 | Rem. | 0.1 | 0.01 | 8 | 2.5 |

MECHANISCHE GÜTEWERTE

| Heat Treatment | R _{P0.2} (MPa) | R _m (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded | | 880 | 10 | 290 HB |

RÜCKTROCKNUNG Not required

GAS ACC. EN ISO 14175 11, 13



CEWELD CuMn13Al7

CUMN13AL7 1,0MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663409317 |
| BS-300 | 15 | 8720663409324 |

CUMN13AL7 1,2MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663409362 |

CUMN13AL7 1,6MM

| Packaging | KG/unit | EanCode |
|-----------|---------|---------------|
| BS-300 | 15 | 8720663409386 |