



CEWELD CuMn13Al7

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

TOEPASSINGEN 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.

EIGENSCHAPPEN 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."

CLASSIFICATIE
 AWS A 5.7: ER CuMnNiAl
 EN ISO 24373: Cu 6338 / CuMn13Al8Fe3Ni2
 W.Nr. 2.1367
 F-nr 37

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

GOEDKEURINGEN

LASPOSITIES



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 WAARDEN

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

HERDROGEN Not required

GAS ACC. EN ISO 14175 I1, I3



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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 |