



# CEWELD CuMn13Al7 Tig

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                  |                      |        |          |       |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------|--------|----------|-------|
| TYPE                                           | Solid high strength CuMnAlNi alloyed welding wire rode.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                  |                      |        |          |       |
| 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                             | <div>      </div> |                                  |                      |        |          |       |
| TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%) | Si                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Mn                               | Fe                   | Cu     | Al       | Ni+Co |
|                                                | 0.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 13                               | 3                    | Rem.   | 8        | 2.5   |
| MECHANISCHE GÜTEWERTE                          | Heat Treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | R <sub>P0,2</sub> (MPa)          | R <sub>m</sub> (MPa) | A5 (%) | Hardness |       |
|                                                | As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  | 600                  | 15     | 220 HB   |       |
| RÜCKTROCKNUNG                                  | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |                      |        |          |       |
| GAS ACC. EN ISO 14175                          | I1, I3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  |                      |        |          |       |



# CEWELD CuMn13Al7 Tig

CUMN13AL7 TIG 2,0 X  
1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663409409 |

CUMN13AL7 TIG 2,4 X  
1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663409416 |

CUMN13AL7 TIG 3,2 X  
1000MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 5       | 8720663409423 |