



# CEWELD CuAl8

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                            |                                |                             |                                      |                    |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------|-----------------------------|--------------------------------------|--------------------|
| TYPE                                           | Copper aluminium alloy for Mig welding and brazing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                            |                                |                             |                                      |                    |
| ANWENDUNGEN                                    | Rebuilding brass ship propellers and cladding surfaces against wear and corrosion attack. Welding galvanized plates or stainless steel sheets and suitable for cladding cast iron and un- and low alloyed steels.                                                                                                                                                                                                                                                                                                                                                                             |                                                            |                                |                             |                                      |                    |
| EIGENSCHAFTEN                                  | High quality alloyed copper wire for the Mig process (Mig brazing as well). The weld metal is a Copper-Aluminum bronze. Sound, pore free deposits on ferrous and non-ferrous base materials. Excellent corrosion resistance.                                                                                                                                                                                                                                                                                                                                                                  |                                                            |                                |                             |                                      |                    |
| KLASSIFIKATION                                 | AWS<br>EN ISO<br>W.Nr.<br>F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A 5.7: ERCuAl-A1<br>24373: Cu 6100 / CuAl7<br>2.0921<br>36 |                                |                             |                                      |                    |
| GEEIGNET FÜR                                   | Brass, copper, steel, CuZn alloys, Ship propeller, AISI 304, sliding Surface, shafts, bearings etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                            |                                |                             |                                      |                    |
| ZULASSUNGEN                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                            |                                |                             |                                      |                    |
| SCHWEISSPOSITIONEN                             |        |                                                            |                                |                             |                                      |                    |
| TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%) | Si<br>0.08                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Mn<br>0.3                                                  | Cu<br>Rem.                     | Zn<br>0.1                   | Pb<br>0.01                           | Al<br>7            |
| MECHANISCHE GÜTEWERTE                          | Heat Treatment<br>As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | R <sub>p0,2</sub><br>(MPa)                                 | R <sub>m</sub><br>(MPa)<br>430 | A <sub>5</sub><br>(%)<br>40 | Impact Energy (J) ISO-V<br>RT<br>100 | Hardness<br>100 HB |
| RÜCKTROCKNUNG                                  | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                            |                                |                             |                                      |                    |
| GAS ACC. EN ISO 14175                          | I1, I3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                            |                                |                             |                                      |                    |



# CEWELD CuAl8

## CUAL8 0,8MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| D-200     | 5       | 8720663408723 |
| D-300     | 15      | 8720663408716 |

## CUAL8 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663408730 |
| D-200     | 5       | 8720663408754 |
| D-300     | 15      | 8720663408747 |
| Drum      | 250     | 8720663408761 |

## CUAL8 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663408778 |
| BS-300    | 15      | 8720663408785 |
| D-200     | 5       | 8720663408808 |
| Drum      | 250     | 8720663408792 |

## CUAL8 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663408815 |
| D-300     | 15      | 8720663408822 |
| Drum      | 250     | 8720663408839 |