



# CEWELD CuAl8Ni2

|                                                |                                                                                                                                                                                                                                                                           |                                 |                         |                      |        |          |     |       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------|----------------------|--------|----------|-----|-------|
| TYPE                                           | Mig Aluminium / Nickel alloyed copper 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 nickel improves corrosion resistance in heat and rough seawater.                        |                                 |                         |                      |        |          |     |       |
| EIGENSCHAFTEN                                  | CEWELD® CuAl8Ni2 is a special alloyed copper wire for the MIG process. The weld metal is a Cu-Al-Ni bronze. Sound, pore free deposits on ferrous and non-ferrous base materials. Excellent resistance to cavitations and stress corrosion cracking.                       |                                 |                         |                      |        |          |     |       |
| KLASSIFIKATION                                 | EN ISO                                                                                                                                                                                                                                                                    | 24373: Cu 6327 / CuAl8Ni2Fe2Mn2 |                         |                      |        |          |     |       |
|                                                | W.Nr.                                                                                                                                                                                                                                                                     | 2.0922                          |                         |                      |        |          |     |       |
|                                                | F-nr                                                                                                                                                                                                                                                                      | 36                              |                         |                      |        |          |     |       |
| GEEIGNET FÜR                                   | This filler metal with increased strenght and corrosion properties is verry wel suited for Ship propellers, shipbuilding, pump building, shafts, guide grooves etc. W.Nrs: 2.0916,2.0920, 2.0928, 2.0932, 2.0936, 2.0940, 2.0960, 2.0962, 2.0966, 2.0970, 2.0978, 2.0980. |                                 |                         |                      |        |          |     |       |
| ZULASSUNGEN                                    |                                                                                                                                                                                                                                                                           |                                 |                         |                      |        |          |     |       |
| SCHWEISSPOSITIONEN                             |                                                                                                                                                                                          |                                 |                         |                      |        |          |     |       |
| TYPISCHE CHEMISCHE ANALYSE DES FÜLLMETALLS (%) | Si                                                                                                                                                                                                                                                                        | Mn                              | Fe                      | Cu                   | Zn     | Pb       | Al  | Ni+Co |
|                                                | 0.1                                                                                                                                                                                                                                                                       | 2                               | 2                       | Rem.                 | 0.1    | 0.01     | 8.5 | 2     |
| MECHANISCHE GÜTEWERTE                          | Heat Treatment                                                                                                                                                                                                                                                            |                                 | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |     |       |
|                                                | As Welded                                                                                                                                                                                                                                                                 |                                 |                         | 580                  |        | 140 HB   |     |       |
| RÜCKTROCKNUNG                                  | Not required                                                                                                                                                                                                                                                              |                                 |                         |                      |        |          |     |       |
| GAS ACC. EN ISO 14175                          | I1, I3                                                                                                                                                                                                                                                                    |                                 |                         |                      |        |          |     |       |



# CEWELD CuAl8Ni2

CUAL8NI2 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663409164 |

CUAL8NI2 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663409171 |

CUAL8NI2 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663409270 |
| BS-300    | 15      | 8720663409300 |