

# CEWELD CuZn40G

**TYPE** Universal brass brazing alloy with good mechanical strength

**APPLICATIONS** Brazing: Steels, Copper, Cast iron, Copper alloys, Nickel and for welding Brass and Bronze. This alloy is mainly used in the furniture and the bicycle industry for joining steels, also this alloy can be used for rebuilding Brass- ship propellers by flame welding.

**PROPERTIES** Easy to use brass alloy for brazing.  
Flux/Paste: CEWELD Universal-Flux

|           |          |
|-----------|----------|
| AWS Code  | ISO Code |
| RB CuZn-A | Cu470    |
|           | Cu470A   |
|           | Cu471    |
|           | Cu670    |

**CLASSIFICATION**

|        |                              |
|--------|------------------------------|
| AWS    | A 5.8: RBCuZn-A              |
| EN ISO | 17672: Cu 470, 17672: Cu 670 |
| W.Nr.  | 2.0533                       |
| F-nr   | 106                          |

**SUITABLE FOR** Brass, Copper, Steels, Manganese bronze, Nickel alloys, Cast iron etc..

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

| Mn  | Cu | Zn   | Sn   | Fe   |
|-----|----|------|------|------|
| 0.1 | 60 | Rem. | 0.35 | 0.25 |

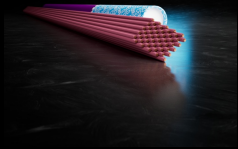
**MECHANICAL PROPERTIES**

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Hardness |
|----------------|-------------------------|----------------------|--------------------|----------|
| As Welded      |                         | 350                  |                    | 88 HB    |

**REDRYING** Not required

**MELTING RANGE** 875 - 895°C

**GAS ACC. EN ISO 14175**



# CEWELD CuZn40G

CUZN40G 2,5 X 500MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Tube      | 1       | 8720663421098 |