



# CEWELD CuNi10Zn42

**TYPE** CuZnNi alloyed brazing alloy with excellent strength

**TOEPASSINGEN** Joining: Steels, Galvanized steel, Tempered Cast Iron, Cast iron, Nickel alloys etc. This alloy is mainly used in the furniture and the bicycle industry for high strength joining of steels, also is this alloy recommended for rebuilding cock wheels due to the good sliding properties.

**EIGENSCHAPPEN** Good flowing high strength Ni-brass alloy containing Nickel for more strength and bridging capability during brazing with excellent rebuilding properties.  
Flux/Paste: CEWELD Universal-Flux

**CLASSIFICATIE** AWS A 5.8: RBCuZn-D  
EN ISO 17672: Cu 773  
W.Nr. 2.0711  
F-nr 35

**GESCHIKT VOOR** Steels, Galvanized steel, Tempered Cast Iron, Cast iron, Nickel alloys

**GOEDKEURINGEN**

**LASPOSITIES**



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

| Si  | Ni | Cu | Zn   |
|-----|----|----|------|
| 0.1 | 10 | 48 | Rem. |

**MECHANISCHE WAARDEN**

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded      |                         | 785                  |        | 180 HB   |

**HERDROGEN** Not required

**MELTING RANGE** 890 - 920°C

**GAS ACC. EN ISO 14175**