



# CEWELD CuSn6

**TYPE** Tin bronze alloy of minimally 6% tin for virtually all welding procedures.

**ANWENDUNGEN** Boilers and tubes out of copper or copper alloys, oven soldering etc.

**EIGENSCHAFTEN** Very good deoxidization. Surfacing and joining of Copper and CuSn-Alloys. Widely used in oven soldering. High quality alloyed copper wire. Sound, pore free deposits and good electrical conductivity. Excellent corrosion resistance

**KLASSIFIKATION**

|        |                          |
|--------|--------------------------|
| AWS    | A 5.7: ERCuSn-A          |
| EN ISO | 24373: Cu 5180A / CuSn6P |
| W.Nr.  | 2.1022                   |
| F-nr   | 33                       |

**GEEIGNET FÜR** Tin bronze alloy of minimally 6% tin for virtually all welding procedures. Very good deoxidisation. Surfacing and joining of Copper and CuSn-alloys. Widely used in oven soldering.  
**Mat.n:** 2.1010, 2.1016, 2.1020, 2.1030, 2.1050, 2.1052, 2.1056, 2.1080, 2.1086, 2.1090, 2.1096  
 CuSn8, CuSn7, CuSn6, CuSn4, G-CuSn7ZnPb, G-CuSn10

**ZULASSUNGEN**

**SCHWEISSPOSITIONEN**









| TYPISCHE CHEMISCHE<br>ANALYSE DES<br>FÜLLMETALLS (%) | P    | Fe   | Cu   | Zn   | Pb   | Sn  |
|------------------------------------------------------|------|------|------|------|------|-----|
|                                                      | 0.25 | 0.05 | Rem. | 0.05 | 0.01 | 5.5 |

| MECHANISCHE GÜTEWERTE | Heat<br>Treatment | R <sub>p0,2</sub><br>(MPa) | R <sub>m</sub><br>(MPa) | A <sub>5</sub><br>(%) | Impact Energy (J) ISO-V | Hardness |
|-----------------------|-------------------|----------------------------|-------------------------|-----------------------|-------------------------|----------|
|                       |                   |                            |                         |                       | RT                      |          |
|                       | As Welded         |                            | 260                     | 20                    | 32                      | 80 HB    |

**RÜCKTROCKNUNG** Not required

**GAS ACC. EN ISO 14175** I1, I3



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## CUSN6 0,8MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| D-200     | 5       | 8720663408495 |
| D-300     | 15      | 8720663408501 |

## CUSN6 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| D-200     | 5       | 8720663408518 |
| D-300     | 15      | 8720663408525 |
| Drum      | 250     | 8720663408532 |

## CUSN6 1,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| D-300     | 15      | 8720663408556 |
| D-300     | 15      | 8720663408549 |

## CUSN6 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663408563 |
| BS-300    | 15      | 8720663408570 |
| Drum      | 250     | 8720663408587 |