



# CEWELD CuSn6

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                      |                    |                         |          |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------|--------------------|-------------------------|----------|
| TYPE                                              | Tin bronze alloy of minimally 6% tin for virtually all welding procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          |                      |                    |                         |          |
| TOEPASSINGEN                                      | Boilers and tubes out of copper or copper alloys, oven soldering etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          |                      |                    |                         |          |
| EIGENSCHAPPEN                                     | 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                                                                                                                                                                                                                                                                                                                                                         |                          |                      |                    |                         |          |
| CLASSIFICATIE                                     | AWS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A 5.7: ERCuSn-A          |                      |                    |                         |          |
|                                                   | EN ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24373: Cu 5180A / CuSn6P |                      |                    |                         |          |
|                                                   | W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.1022                   |                      |                    |                         |          |
|                                                   | F-nr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 33                       |                      |                    |                         |          |
| GESCHIKT VOOR                                     | 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.<br><b>Mat.n:</b> 2.1010, 2.1016, 2.1020, 2.1030, 2.1050, 2.1052, 2.1056, 2.1080, 2.1086, 2.1090, 2.1096<br>CuSn8, CuSn7, CuSn6, CuSn4, G-CuSn7ZnPb, G-CuSn10                                                                                                                                                                                                                                              |                          |                      |                    |                         |          |
| GOEDKEURINGEN                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                      |                    |                         |          |
| LASPOSITIES                                       |        |                          |                      |                    |                         |          |
| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Fe                       | Cu                   | Zn                 | Pb                      | Sn       |
|                                                   | 0.25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0.05                     | Rem.                 | 0.05               | 0.01                    | 5.5      |
| MECHANISCHE WAARDEN                               | Heat Treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | R <sub>P0,2</sub> (MPa)  | R <sub>m</sub> (MPa) | A <sub>5</sub> (%) | Impact Energy (J) ISO-V | Hardness |
|                                                   | As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          | 260                  | 20                 | RT                      | 80 HB    |
| HERDROGEN                                         | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                          |                      |                    |                         |          |
| GAS ACC. EN ISO 14175                             | I1, I3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                      |                    |                         |          |



# CEWELD CuSn6

## 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 |