



# CEWELD CuSn6 Tig

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       |                      |                    |                         |          |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|----------------------|--------------------|-------------------------|----------|
| 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<br>EN ISO<br>W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A 5.7: ERCuSn-A<br>24373: Cu 5180A / CuSn6P<br>2.1022 |                      |                    |                         |          |
| 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 CuSn8, CuSn7, CuSn6, CuSn4, G-CuSn7ZnPb, G-CuSn10                                                                                                                                                                                                                                                            |                                                       |                      |                    |                         |          |
| GOEDKEURINGEN                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       |                      |                    |                         |          |
| LASPOSITIES                                       | <div>      </div> |                                                       |                      |                    |                         |          |
| 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                      |          |
|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                       |                      |                    | 32                      | 80 HB    |
| HERDROGEN                                         | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                      |                    |                         |          |
| GAS ACC. EN ISO 14175                             | I1, I3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       |                      |                    |                         |          |



# CEWELD CuSn6 Tig

|                        |           |         |               |
|------------------------|-----------|---------|---------------|
| CUSN6 TIG 1,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                        | Tube      | 5       | 8720663422767 |
| CUSN6 TIG 2,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                        | Tube      | 5       | 8720663422781 |
| CUSN6 TIG 2,4 X 1000MM | Packaging | KG/unit | EanCode       |
|                        | Tube      | 5       | 8720663422798 |
| CUSN6 TIG 3,2 X 1000MM | Packaging | KG/unit | EanCode       |
|                        | Tube      | 5       | 8720663422804 |
| CUSN6 TIG 4,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                        | Tube      | 5       | 8720663422811 |
| CUSN6 TIG 5,0 X 1000MM | Packaging | KG/unit | EanCode       |
|                        | Tube      | 5       | 8720663422828 |