



CEWELD CuSn12 Tig

TYPE Tin bronze alloy with high percentage of tin for virtually all welding procedures

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

PROPERTIES Very good deoxidization and high hardness similar to cast bronzes. Surfacing and joining of Copper and CuSn-Alloys. Widely used and recommended for oven soldering. High quality alloyed copper wire. Sound, pore free deposits and good electrical conductivity. Excellent corrosion resistance

CLASSIFICATION EN ISO 24373: Cu 5410 / CuSn12P
W.Nr. 2.1056

SUITABLE FOR Tin bronze alloy with high percentage of tin for virtually all welding procedures. Very good deoxidisation and high hardness similar to cast bronzes. Surfacing and joining of Copper and CuSn-alloys. Widely used and recommended for oven soldering.
Mat.n: 2.1016, 2.1020, 2.1030, 2.1050, 2.1052, 2.1056, 2.1080, 2.1086, 2.1090
CuSn8, CuSn7, CuSn6, CuSn4, G-CuSn7ZnPb, G-CuSn10

APPROVALS

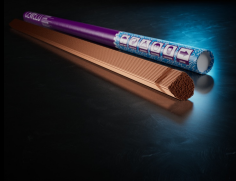
WELDING POSITIONS

| TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%) | P | Cu | Zn | Pb | Sn |
|---|------|------|------|------|----|
| | 0.25 | Rem. | 0.03 | 0.01 | 12 |

| MECHANICAL PROPERTIES | Heat Treatment | R _{P0,2} (MPa) | R _m (MPa) | A5 (%) | Hardness |
|-----------------------|----------------|-------------------------|----------------------|--------|----------|
| | As Welded | | 350 | | 120 HB |

REDRYING Not required

GAS ACC. EN ISO 14175 11



CEWELD CuSn12 Tig

| | | | |
|-------------------------|-----------|---------|---------------|
| CUSN12 TIG 1,6 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663422835 |
| CUSN12 TIG 2,0 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663422842 |
| CUSN12 TIG 3,0 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663422859 |
| CUSN12 TIG 4,0 X 1000MM | Packaging | KG/unit | EanCode |
| | Tube | 5 | 8720663422866 |