
# CEWELD CuSn12

certilas® THE FILLER METAL SPECIALIST

| | |
|---|---|
| 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. Good corrosion resistance against seawater. Excellent sliding properties (bearings etc.) |

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

No Approvals Found

WELDING POSITIONS


TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

| P | Cu | Zn | Pb | Sn |
|---|---|---|---|---|
| 0.2 | Rem. | 0.02 | 0.01 | 12 |

ALL WELD MECHANICAL PROPERTIES

| Heat Treatment | $R_{P0,2}$ MPa | Rm MPa | A5 (%) | Impact Energy (J) ISO-V RT | Hardness Brinell Hardness |
|---|---|---|---|---|---|
| As Welded / | | 350 | | | Avg. 120 |

| | |
|---|---|
| REDRYING TEMPERATURE | Not required |
| GAS ACCORDING EN 14175 | I1, I3 |


# CEWELD CuSn12

CUSN12 1,0MM

| Type | KG/unit | EANCode |
|---|---|---|
| D-300 | 15 | 8720663408594 |

CUSN12 1,2MM

| Type | KG/unit | EANCode |
|---|---|---|
| D-300 | 15 | 8720663408600 |