



# CEWELD CuSn Tig

**TYPE** Copper welding wire alloyed with Sn for Tig welding

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

**PROPERTIES** • High quality alloyed copper wire • Sound, pore free deposits and good electrical conductivity • Excellent corrosion resistance

**CLASSIFICATION**

AWS	A 5.7: ERCu
EN ISO	24373: Cu 1898 / CuSn1
W.Nr.	2.1006
F-nr	31

**SUITABLE FOR** Bronze alloy with minimally 0.8 tin for virtually all welding procedures. Very good deoxidisation. Surfacing and joining of Cu and copper- alloys. Widely used in oven soldering.

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

Si	Mn	P	Cu	Pb	Sn
0.4	0.4	0.1	99	0.01	0.5

**MECHANICAL PROPERTIES**

Heat Treatment	R <sub>P0.2</sub> (MPa)	R <sub>m</sub> (MPa)	A5 (%)	Hardness
As Welded		220		60 HB

**REDRYING** Not required

**GAS ACC. EN ISO 14175** 11, 13



# CEWELD CuSn Tig

CUSN TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408662

CUSN TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408679

CUSN TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408686

CUSN TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408693

CUSN TIG 4,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663408709