



# CEWELD CuSn12 Tig

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

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

**EIGENSCHAFTEN** 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

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

**GEEIGNET FÜR** 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

**ZULASSUNGEN**

**SCHWEISSPOSITIONEN**



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

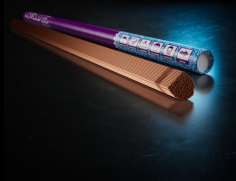
P	Cu	Zn	Pb	Sn
0.25	Rem.	0.03	0.01	12

**MECHANISCHE GÜTEWERTE**

Heat Treatment	R <sub>P0,2</sub> (MPa)	R <sub>m</sub> (MPa)	A <sub>5</sub> (%)	Hardness
As Welded		350		120 HB

**RÜCKTROCKNUNG** 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