



CEWELD CuSn6 Tig

TYPE Tin bronze alloy of minimally 6% tin for virtually all welding procedures.

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

PROPERTIES 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

CLASSIFICATION

AWS	A 5.7: ERCuSn-A
EN ISO	24373: Cu 5180A / CuSn6P
W.Nr.	2.1022

SUITABLE FOR 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.
Mat.n: 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

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

P	Fe	Cu	Zn	Pb	Sn
0.25	0.05	Rem.	0.05	0.01	5.5

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				RT		
As Welded		260	20	32		80 HB

REDRYING Not required

GAS ACC. EN ISO 14175 11, 13



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