



CEWELD CuSn6

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
F-nr	33

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 I1, I3



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CUSN6 0,8MM

Packaging	KG/unit	EanCode
D-200	5	8720663408495
D-300	15	8720663408501

CUSN6 1,0MM

Packaging	KG/unit	EanCode
D-200	5	8720663408518
D-300	15	8720663408525
Drum	250	8720663408532

CUSN6 1,2MM

Packaging	KG/unit	EanCode
D-300	15	8720663408556
D-300	15	8720663408549

CUSN6 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663408563
BS-300	15	8720663408570
Drum	250	8720663408587