CEWELD CuSn12

certilas® THE FILLER METAL SPECIALIST

TYPE	Tin bronze alloy with high percentage of tin for virtually all welding procedures
TOEPASSINGEN	Boilers and tubes out of copper or copper alloys, oven soldering etc.
EIGENSCHAPPEN	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.)

CLASSIFICATIE

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

GESCHIKT VOOR

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-CuSn10

GOEDKEURINGEN

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

P	Cu	Zn	Pb	Sn
0.2	Rem.	0.02	0.01	12

MECHANISCHE WAARDEN

Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded		350		120 HB

HERDROGEN

Not required

GAS ACC. EN ISO 14175

I1, I3

CEWELD CuSn12

CUSN12 1,0MM

Packaging	KG/unit	EanCode
D-300	15	8720663408594

CUSN12 1,2MM

Packaging	KG/unit	EanCode
D-300	15	8720663408600