



CEWELD CuSn12

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

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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

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)	R _m (MPa)	A ₅ (%)	Hardness
As Welded		350		120 HB

HERDROGEN Not required

GAS ACC. EN ISO 14175 11, 13



CEWELD CuSn12

CUSN12 1,0MM

Packaging	KG/unit	EanCode
D-300	15	8720663408594

CUSN12 1,2MM

Packaging	KG/unit	EanCode
D-300	15	8720663408600