



CEWELD CuSn12

TYPE	Tin bronze alloy with high percentage of tin for virtually all welding procedures					
APPLICATIONS	Boilers and tubes out of copper or copper alloys, oven soldering etc.					
PROPERTIES	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.)					
CLASSIFICATION	EN ISO 24373: Cu 5410 / CuSn12P W.Nr. 2.1056					
SUITABLE FOR	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					
APPROVALS						
WELDING POSITIONS						
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	P 0.2	Cu Rem.	Zn 0.02	Pb 0.01	Sn 12	
MECHANICAL PROPERTIES	Heat Treatment As Welded	$R_{P0,2}$ (MPa)	Rm (MPa) 350	A5 (%)	Hardness	120 HB
REDRYING	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