



CEWELD CuSn12 Tig

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. Excellent corrosion resistance					
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	Cu	Zn	Pb	Sn	
	0.25	Rem.	0.03	0.01	12	
MECHANICAL PROPERTIES	Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness	
	As Welded		350		120 HB	
REDRYING	Not required					
GAS ACC. EN ISO 14175	I1					



CEWELD CuSn12 Tig

CUSN12 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663422835

CUSN12 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663422842

CUSN12 TIG 3,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663422859

CUSN12 TIG 4,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663422866