



SAFRA SF-Cu.Sn.

A.W.S. A5.7:
ER Cu

DIN 1733:
SG-Cu Sn
WERKS.2.1006

BS 2901 Pt.3: C7
EN 14640: S CuSn1
S Cu 1898

DESCRIPTION

Copper wire for high quality welding. It can be used with both TIG and MIG methods. Its excellent flowability makes it ideal for copper welding. Thanks to the deoxidizer in the weld material the welding is solid and porous-free.

CHEMICAL COMPOSITION

Al	<0,01
Si	0,1 - 0,5
Mn	0,1 - 0,5
Ni	<0,05
Sn	0,5 - 1,0
Pb	<0,01
Fe	<0,03
P	<0,015
As	<0,03
Cu	≥98,0

SHIELDING GASES FOR GMAW/GTAW

Argon: DIN 32526 I1
Gas flow rate: 14-18 L./min.

MECHANICAL CHARACTERISTICS:

Tensile strenght Rm:	210 - 245 N/mm2
Hardness:	60 - 80 HB
Conductivity:	15-20mΩHm2

Mechanical properties quoted above are approximate values, intended for guidance only.

AVAILABLE SIZES

MIG: 12,5 kg – 15 kg D300 or K300/KS300 Spools

TIG carton box of 10 kg o Kg. 25
(x 1000 mm length)

DIAMETER OF THE WIRE

0,8 mm - 1,0 mm - 1,2 mm - 1,6 mm - 2,0 mm - 2,4 mm

DIAMETER OF THE RODS

1,6 mm-2,0 mm-2,4 mm-3,2 mm-4,0 mm

MORE DIAMETERS AND PACKAGING UPON REQUEST

OTHERS TOTAL <0,10