

SF-Cu

SAFRA
Sn

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.

AWS A5.7/A5.7M

Er Cu

EN ISO 24373

S Cu1898A-CuSn1MnSi

SHIELDING GASES FOR GMAW/GTAW

Argon: I1

Gas flow rate:
14-18 l/min

MECHANICAL CHARACTERISTICS

Tensile strenght Rm: 210 - 245 N/mm²

Hardness: 60-80 HB

Conductivity: 15-20 m/OHM mm²

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

CHEMICAL COMPOSITION

in% (m/m)^(a,b) as per EN ISO 24373

Al	0,01
Si	0,1 - 0,4
Mn	0,1 - 0,4
Ni incl. Co	0,1
Sn	0,5 - 1,0
Pb	0,01
Fe	0,03
P	0,015
Si	0,1 - 0,4
As	-
Sn	0,5 - 1,0
Cu	remainder
	others total 0,2

AVAILABLE SIZES*

MIG: 12,5 Kg – 15 Kg D300 or K300/KS300 spools

Diameter of the wire

0,8 mm - 0,9 mm - 1,0 mm - 1,2 mm - 1,6 mm - 2,0 mm - 2,4 mm

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

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

(a) Single values shown in the table are maximum values, unless otherwise noted.

(b) Chemical analysis as per AWS A5.7/A5.7M upon request.