

SF-Cu

SAFRA
Sn6

DESCRIPTION

This bronze wire has a high percentage of tin. It is suitable for both TIG and MIG methods and it is excellent for fixing in artistic foundries. Ideal for surfaces, this material improves the hardness and can also be used for fixing worn surfaces with similar basis metals.

AWS A5.7/A5.7M

Er Cu Sn-A

EN ISO 24373

S Cu5180A-CuSn6P

SHIELDING GASES FOR GMAW/GTAW

Argon: l1

Gas flow rate:
14-18 l/min

MECHANICAL CHARACTERISTICS

Tensile strength Rm: 320- 360 N/mm²

Elongation L=5d: 25%

Hardness: 80 - 90 HB

Hardness after work hardening: 130 HB

Conductivity: 9 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
Sn	4,0 - 7,0
Zn	0,1
Pb	0,02
Fe	0,1
P	0,01 - 0,4
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.