

Standards

TS EN ISO 24373	: CuSn6 P - CF452K
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AWS A 5.7	: ~ER CuSn -A

Chemical Composition of Welding Wire % (Typical)

Sn	P	Fe	Cu	Pb
6.0	0.20	<0.10	rest	<0.02

Mechanical Properties

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (L ₀ =5d ₀) (%)	Hardness (HB)
270	410	30	100

Typical Base Material Grades

- CuSn 2, CuSn 4, CuSn 6, CuSn 8, CuSn 6 Zn, G-CuSn 2 ZnPb, G-CuSn 5 ZnPb, G-CuSn 6 ZnNi.

Features and Applications

- It is Cu-Sn alloy welding wire
- Joining and surfacing of tin bronzes, cast tin bronzes, such as CuSn 2, CuSn 6, CuSn 8 and CuSn 6 Zn
- Shielding Gas: Ar, Ar+He

Welding Positions

Current Type

MIG D.C. (+)

Operating Data

Product Code	Diameter (mm) / (inch)		Weight (Kg)
6031100272	1.0	0.040"	15
6031100273	1.2	0.047"	15
6031100052	1.6	0.062"	15

Approvals: SEPRO