

Standards

TS EN ISO 24373	: ~S Cu1898 (CuSn1)
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AWS A5.7	: ER Cu

Chemical Composition of Welding Wire % (Typical)

Si	Mn	Sn	Cu
0.3	0.3	0.8	rest

Mechanical Properties

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (L ₀ =5d ₀) (%)	Hardness (HB)
115	200	35	60

Typical Base Material Grades

- OF-Cu, SE-Cu, SW-Cu, SF-Cu, Cu Fe 2P, CuSP, CuTeP, E-Cu C, F-Cu, D-Cu, SD Cu, SB-Cu, SA-Cu.

Features and Applications

- It is Cu-Sn alloy welding wire
- It is used in welding of pure copper and copper based low alloy, tank and boilers, graphite electrode holders, slag baths, oxygen tubes, electrical equipment
- Shielding Gas: Ar, He, Ar+He

Welding Positions

Current Type

MIG D.C. (+)

Operating Data

Product Code	Diameter (mm) / (inch)		Weight (Kg)
6031100266	1.0	0.040"	15
6031100386	1.2	0.047"	15
6031100267	1.6	0.062"	15