

Standards

TS EN ISO 24373	: Cu5410 (CuSn12 P)
EN ISO24373	: Cu5410 (CuS212P)

Chemical Composition of Welding Wire % (Typical)

Sn	P	Fe	Cu
12.0	0.20	<0.10	rest

Mechanical Properties

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (L ₀ =5d ₀) (%)	Hardness (HB)
260	380	10	130

Typical Base Material Grades

- Cu Sn 8, Cu Sn 12

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, Ar+He

Welding Positions

Current Type

MIG D.C. (+)

Operating Data

Product Code	Diameter (mm) / (inch)		Weight (Kg)
6011100407	1.0	0.040"	15
6011100408	1.2	0.047"	15
6011100409	1.6	0.062"	15