

Standards

TS EN ISO 24373	: S Cu1897 (CuAg1)
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**Chemical Composition of
Welding Wire % (Typical)**

Ag	P	Mn	Cu
0.8-1.2	0.01	0.1	rest

Mechanical Properties

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (L ₀ =5d ₀) (%)	Hardness (HB)
80	200	20	~ 50

Typical Base Material Grades

- 2.0076, 2.0090, 2.0040

Features and Applications

- Applicability in arc welding of copper materials with high electric conductivity, of copper- silver alloys containing low amounts of phosphor as well as of pure copper
- Additional applicability in gas welding of deoxidized copper
- High electric conductivity (30-45 S.m/mm²)
- Use of Ar (I1) as shielding gas

Welding Positions

Current Type

MIG D.C. (+)

Operating Data

Product Code	Diameter (mm) / (inch)		Weight (Kg)
6031100264	1.2	0.047"	15

Approvals: SEPRO