

Standards

TS EN ISO 24373	: S Cu 7061(CuNi10)
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DIN 1733	: SG CuNi10 Fe

**Chemical Composition of
Welding Wire % (Typical)**

Cu	Fe	Mn	Ti	Ni
rest	1.8	1.0	0.17	10.0

Mechanical Properties

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Elongation (L ₀ =5d ₀) (%)	Hardness (HB)
150	350	30	200

Typical Base Material Grades

- CUNIFER 30, CUNIFER 40, Cu90-Ni10 and low Ni Alloys Cu-Ni alloys
- 2.0862 CuNi5Fe, 2.0872 CuNi10Fe

Features and Applications

- It is used for copper nickel alloys with 10% nickel such as CuNi5Fe, CuNi10Fe.
- Weld deposit is highly corrosion resistant
- It is used for joining and surfacing copper-nickel alloys and CuNiFe pipes which perform in corrosive areas such as seawater
- Shielding Gas: Ar

Welding Positions

Current Type

TIG D.C.(-)

Operating Data

Product Code	Diameter x Length (mm) / (inch)		Weight (Kg)
6031100258	1,60 x 1000	1/16 x 39"	5
6031100259	2,00 x 1000	5/64 x 39"	5
6031100385	2,40 x 1000	3/32 x 39"	5
6031100260	3,20 x 1000	1/8 x 39"	5

Approvals: SEPRO