

**Standards :**

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

**Chemical Composition of Welding Rod  
% (Typical) :**

Cu	Fe	Mn	Ti	Ni
rest	1.8	1.0	0.17	10.0

**Mechanical Properties (TIG) :**

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

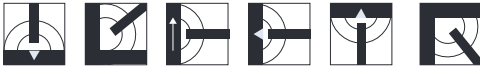
**Typical Base Material Grades :**

\* CUNIFER 30, CUNIFER 40, Cu90-Ni10 ve düşük Nikel alaşımlı Cu-Ni alaşımları  
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 :**

Diameter x Length (mm)	Diameter x Length (inch)	Package Weight (Kg)
1.6 x 1000	1/16 x 39"	5
2.0 x 1000	5/64 x 39"	5
2.4 x 1000	3/32 x 39"	5
3.2 x 1000	1/8 x 39"	5

**Approvals :**

GOST-R, SEPRO