

Standards :

TS EN ISO 24373	: S Cu 7158(CuNi30)
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AWS A 5.7	: ER CuNi

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

Mn	Ti	Fe	Ni	S	Cu
0.9	0.4	0.5	30.0	max. 0.01	rest

Mechanical Properties :

Yield Strength (N/mm ²)	Tensile Strength (N/mm ²)	Impact Strength (ISO-V/+20°C)	Elongation (L ₀ =5d ₀)(%)
250	400	100 J	30

Typical Base Material Grades :

* CuNi 10 Fe 1 Mn(2.0872) - CuNi 20 Fe(2.0878) - CuNi 30 Fe(2.0882)

Features and Applications :

- * It is used of Copper alloys includes up to 30% Nickel, joining and surfacing of steel alloys.
- * Joining of stainless steel to copper alloys is possible.
- * Because of excellent resistance to sea water corrosion, it is used marine off-shore applications, sea water exchangers and food and chemical industries.
- * 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

Approvals :

GOST-R, SEPRO