CuNi SG

Standards

TS EN ISO 24373	: S Cu 7158 (CuNi30)
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AWS A5.7	: ER CuNi

Chemical Composition of Welding Wire % (Typical)

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

Mechanical Properties

Yield Strength (N/mm^2)	**Tensile Strength** (N/mm^2)	**Impact Strength** (ISO-V/+20°C)	**Elongation** (($L_o=5d_o$) (%))
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 & chemical industries
- Shielding Gas: Ar

Welding Positions

Current Type

TIG D.C.(-)

Operating Data

Product Code	**Diameter x Length** (mm) / (inch)		**Weight** (Kg)
6031100255	1.6 x 1000	1/16 x 39”	5
6031100256	2.0 x 1000	5/64 x 39”	5
6031100257	2.4 x 1000	3/32 x 39”	5

Approvals: SEPRO