

# GETIG 712

## CUPRO- NICKEL FILLER ROD FOR TIG WELDING.

### IDENTIFICATION

Getig 712, ER CuNi

### CLASSIFICATION

AWS/SFA 5.7 : ER Cu Ni, DIN 1733: SG -Cu Ni 30 Fe

### DESCRIPTION

Corrosion and seawater resisting alloy. Getig 712 provides easy machinability, a clean weld pool with visibility and a tough weld metal free of porosity.

### CHEMICAL ANALYSIS (RANGE) %

C	Mn	Si	Ti	Cu	Ni	Fe	S	P
0.05 max	1.00 max	0.25 max	0.2 - 0.5	Remainder	29.0 - 32.0	0.40 - 0.75	0.01 max	0.02 max

### TYPICAL APPLICATIONS

- Chemical apparatus construction, seawater evaporation plants, offshore techniques.
- Welded joints and surfacing welds on cupro-nickle alloys with up to 30% nickel content.
- Wnr: 2.0806, 2.0812, 2.0818, 2.0822, 2.0830, 2.0836, 2.0842, 2.0862, 2.0872, 2.0878, 2.0882, 2.0890.
- In ship building and in the chemical industry.  
e.g. vessels, condenser tubes, condensers, heat-exchangers etc.

**WELDING PROCESS** : TIG

**SHIELDING GAS** : Welding Grade Argon or Ar-H2 mixture.

**HARDNESS** : 60 to 80 BHN

### PACKING PARAMETERS

Size (mm)	Length (mm)	Packing / Pkt (kg)	Packing / Box (kg)
1.6	500 / 1000	2	2 x 5 = 10
2	500 / 1000	2	2 x 5 = 10
2.40 / 2.50	500 / 1000	2	2 x 5 = 10
3.15 / 3.20	500 / 1000	2	2 x 5 = 10