

# GEMET 719

## COPPER NICKELALLOYS ELECTRODE

### IDENTIFICATION

Gemet 719, ECuNi

### CLASSIFICATION

AWS/SFA 5.6: ECuNi

### DESCRIPTION

It is a copper nickel alloys electrode which deposits cupro-nickel weld metal. The weld metal has highly resistance to chlorides in term of pitting, crevice corrosion and stress corrosion cracking even in hotter climate.

### MECHANICAL PROPERTIES (RANGE)

TS (MPa)	PS (MPa)	EL (%) (L=4D)	Hardness
520 - 650	380 min	20%	180 - 220 BHN

### TYPICAL APPLICATIONS

- It is used for welding of wrought and cast steel of 70/30, 80/20, 90/10 copper nickel alloys.
- Also useful for marine engineering application such as shipbuilding and repair.
- Desalination plants.
- Offshore oil and gas structure and power generation.

### PACKING PARAMETERS

Size (mm)	Length (mm)	Current Condition AC / DC (+) Amps	Packing / Packet (kg)	Packing / Box (kg)
2.5	350	60 - 80	2	2 x 5 = 10
3.15 / 3.20	350	80 - 100	2	2 x 5 = 10
4	350	120 - 140	2	2 x 5 = 10