

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