

# ROYAL – CUPRO NICKEL 90 – 10 (SFA 5.7ER Cu Ni)

AWS / SFA 5.7ER Cu Ni EN ISO 24373 A S Cu 7061

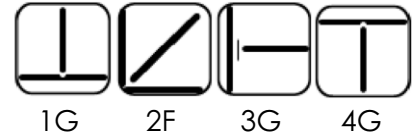
## Applications

It is used for welding of Copper - Nickel Alloys

## Characteristics on Usage

Royal Cupro Nickel alloys solid filler Wire Rods deposit 90% Cu, 10% Ni Weld Metal. the nickel strengthens the weld metal & improves the corrosion resistance against Sea Water, salt water

## Welding Positions



## Packing

Each pcks. Contents 5 kg. of wire Rods. Special packing will be supply on request.

MIG TIG WIRES

## Chemical Composition Of Weld Metal

| C%       | Mn%      | Si%      | P%        | Ni%   | Cu%  | Fe%         | Ti %        |
|----------|----------|----------|-----------|-------|------|-------------|-------------|
| 0.05 max | 1.00 max | 0.25 max | 0.020 max | 10.00 | Bal. | 0.40 – 0.75 | 0.20 – 0.50 |

## Mechanical Properties Of Weld Metal

| U.T.S.<br>(N/mm <sup>2</sup> ) |
|--------------------------------|
| 345                            |