

Swastik Weld Make Welding Wire GMAW/GTAW (MIG & TIG) for Nickel Alloy Wire

V) ER NiCu-7 CLASSIFICATION: AWS A/SFA 5.14

Chemical Composition of ER NiCu-7 Wire

C= 0.15 max

Mn= 4.0 max

Fe= 2.5 max

S= 0.015 max

P= 0.02 max

Si= 1.25 max

Cu= Bal.

Al= 1.25 max

Ti= 1.5-3.0

Ni= 62.0-69.0



MECHANICAL PROPERTIES OF ALL

WELD METAL :

UTS; Mpa= 480

Hardness = 32

TYPICAL APPLICATION OF ER NiCu-7 (Monel Wire)

- 1) Monel Solid wire for welding of alloys 400, R404, and K-500
- 2) Welding Monel and NiCu alloys to itself, to mild and low alloyed steels
- 3) overlaying on steel to obtain a corrosion resistant surface
- 4) Welding of ASTM B127/163/164/165
- 5) Heat exchanger piping, Vessels, salt purification
- 6) Food, Pumps and Valves Manufacturing units

Packing: Tig: In cut length of 1000mm in 5kgs boxes (size: 1.6, 2.0, 2.40, 3.15mm)

Mig: Continuous wire in 12.5kgs / 15kgs Plastic Spool (size: 0.80, 1.2mm)

**Works: Gala No. 19, Syndicate Indl. Complex, Near Golani Naka, Near Bank of Maharashtra,
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