



SWASTIK-WELD

JINIK MARKETING

Swastik Weld Make Welding Wire
GMAW/GTAW (MIG & TIG) for Stainless Steel

IV) ER 310 CLASSIFICATION : AWS A/SFA 5.9

Chemical Composition of ER 310 Wire:

C= 0.08-0.15

Mn= 1.0-2.5

Si= 0.30-0.65

Cr= 25.0-28.0

Ni= 20.0-22.5

Mo= 0.75 max

S= 0.03 max

P= 0.03 max



MECHANICAL PROPERTIES OF ALL WELD

METAL :

UTS, Mpa= 550 min

EL%= 30 min

TYPICAL APPLICATION OF ER 310 WIRE (MIG & TIG):

- 1) A 25Cr/20Ni type austenitic stainless steel wire for welding of AISI 310 type steels, Austenitic Mn steels
- 2) Joining of dissimilar steels, straight chrome steels, cladding side of stainless clad steels
- 3) Furnace parts, Annealing boxes, Carburizing pots, Gas turbine combustion chamber parts, hydrogenation and polymerization plant

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)

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