



MIGINOX 310

GMAW STAINLESS STEEL

AWS A/SFA 5.9 ER310

CLASSIFICATION:

EN ISO 14343-A
G 25 20

KEY FEATURES:

- A 25Cr/20Ni type austenitic stainless steel wire
- Resistance to cracking and fissuring
- Excellent oxidation resistance upto 1150°C
- Radiographic quality welds

APPROVALS: CE

TYPICAL APPLICATIONS:

- Welding of AISI 310 type steels, Austenitic Mn steels
- Joining of dissimilar steels, straight chrome steels, cladding side of stainless clad steels
- Furnace parts, Annealing boxes, Carburizing pots, Gas turbine combustion chamber parts, hydrogenation and polymerization plant



TYPICAL CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

C	Mn	Si	Cr	Ni
0.1	1.6	0.35	26.5	20.5

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	EL%
Typical	As Welded	650	35

PARAMETERS - PACKING DATA:

Ø, mm	Kg/Spool		
0.8	12.5	 DCEP STORAGE / HANDLING : Keep dry and follow handling instructions mentioned on the box	All Positions 
1.2	12.5		
1.6	12.5		

Shielding Gas	Gas Flow Rate, LPM
98Ar/2O ₂ or Ar/1-5CO ₂	15-25