



TIGINOX 310

GTAW STAINLESS STEEL

AWS A/SFA 5.9 **ER310**

CLASSIFICATION:

EN ISO 14343-A
W 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%
Specification	As Welded	650	35

PARAMETERS - PACKING DATA:

Ø, mm	Net Wt, Kg	
1.6 x 1000	20	 DCEN STORAGE / HANDLING : Keep dry during storage and handling
2.0 x 1000	20	
2.4 x 1000	20	

All Positions



Shielding Gas	Gas Flow Rate, LPM
Ar	10-15

Available in Standard carton packing of 20 kg box, containing 4 plastic tubes of 5 kg each.