



TIGINOX 430

GTAW STAINLESS STEEL

AWS A/SFA 5.9 ER430

CLASSIFICATION:

EN ISO 14343-A
W 17

IS 5856
ES 17

KEY FEATURES:

- Typical 16Cr stainless steel wire
- High corrosion resistance
- Smooth operating characteristics
- Proper preheat and PWHT require to achieve desired mechanical properties
- Radiographic quality welds

APPROVALS: CE

TYPICAL APPLICATIONS:

- Welding of ferritic martensitic chrome steels and steel castings of similar composition
- Joining and cladding of 17Cr alloy
- Welding and cladding of automotive exhaust system components
- For general corrosion and heat resisting applications



TYPICAL CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

C	Mn	Si	Cr
0.05	0.5	0.4	16.3

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	EL%
Typical	PWHT: 770°C for 2 hrs	550	23

PARAMETERS - PACKING DATA:

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

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.