

# GETIG 320



CLASSIFICATION : AWS/SFA-5.9 ER320

## CHARACTERISTICS :

Solid wire which gives fully austenitic niobium stabilizes weld deposit. The wire gives a low carbon nil ferrite “super-austenitic” weld metal with good resistance to attack by a range of organic and inorganic acids, sulphuric and minerals acids etc.

## APPLICATION :

- Tanks
- Process piping
- Heat exchangers
- Agitators & Rotosa
- Cast Pump

For use in the chemical processing, metal cleaning & pickling industries.

**WELDING CURRENT:** DC( - )

**SHIELDING GAS:** Pure Argon 99.9% 6-12 l/mn.

**SIZES:** 1.6 mm, 2.0 mm, 2.4 / 2.5 mm, 3.15/3.20 mm

## COMPOSITION OF THE WIRE (RANGE) %

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Nb
0.06 max	1.0-2.50 max	0.60 max	0.015 max	0.015 max	19.0-21.0	32 -36	2.0-3.0	3.0-4.0	8XC% minor 1.0max

## MECHANICAL PROPERTIES (RANGE) :

Tensile Strength N/mm <sup>2</sup>	Yield Stress N/mm <sup>2</sup>	Elongation (%) (L=4D)
550-640	400 min	35-48

PACKING DATA :

SIZE (mm)	LENGTH (mm)	PACKING/BOX (Kg)
1.6	1000	5Kg
2.00	1000	5Kg
2.50	1000	5Kg
3.15/3.20	1000	5Kg