

# GETIG 320 LR



CLASSIFICATION : AWS/SFA-5.9 ER320LR

## CHARACTERISTICS :

Solid wire which gives fully austenitic niobium stabilized weld deposit. The wire contains low level of S, Si, P & S which reduces hot cracking tendency and fissuring. 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 mineral acids etc.

Deposited weld metal which is fully austenitic, has controlled level of phosphorus and silicon which helps to eliminate solidification cracking tendency.

## 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.

## COMPOSITION OF THE WIRE (RANGE) %

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Nb
0.025 max	1.50 - 2.0	0.15 max	0.015 max	0.015 max	19.0-21.0	32 - 36	2.0-3.0	3.0-4.0	8XC% min or 0.40 max

MECHANICAL PROPERTIES :

Tensile Strength MPa	Yield Stress MPa	Elongation (%) (L=4D)
520 min	350 min	35 min

PACKING DATA :

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