

# GETIG 347



IDENTIFICATION : ER 347

CLASSIFICATION : AWS /SFA5.9 ER 347

## DESCRIPTION :

A Niobium Stabilised stainless steel tig rods of 19/10 type for GTAW welding.

## WELDING PROPERTIES :

GETIG 347 are niobium Stabilised stainless steel rod of 20% Cr 10% Ni type for GTAW welding smooth flow and shiny bead. The weld deposit is free from cracks. The deposited weld metal is of radiographic quality.

## TYPICAL USES :

GETIG 347 is suitable for AISI 321, 347 and 348 type grade that are commonly used in refinery, chemical, and petrochemical industries, food & beverage industries etc.

## COMPOSITION OF THE WIRE (RANGE) %

C	Ni	Mn	Si	Nb	Cr	S	P	Cu	Mo
0.070 max	9.0-11.0	1.0-2.5	0.30-0.60	%Cx8 min or 0.95 max	19.0-21.5	0.03max	0.03max	0.50 max	0.50max

## MECHANICAL PROPERTIES (RANGE) :

Tensile Strength N/mm <sup>2</sup>	Yield Stress N/mm <sup>2</sup>	Elongation (%) (L=4D)
550-650	400-500	30-45

## PACKING DATA :

SIZE (mm)	LENGTH (mm)	PACKING/BOX (KG)
1.6	1000	5.0
2.00	1000	5.0
2.50	1000	5.0
3.15	1000	5.0

Note : Length / Diameter can be given as per the party's requirement. Chemical Analysis and Mechanical Properties of Wire.