

# GM 347H

## IDENTIFICATION

GM 347H, ER 347H

## CLASSIFICATION

AWS /SFA5.9 ER-347H

## DESCRIPTION

- A niobium stabilized, having controlled Carbon content stainless steel MIG wire of 19/10 type for GMAW welding.
- GM 347H are niobium Stabilised stainless steel wire having controlled Carbon of 20% Cr 10% Ni type for GMAW welding smooth flow and shiny bead. The weld deposit is free from cracks.
- The deposited weld metal is of radiographic quality.

## CHEMICAL ANALYSIS (RANGE) %

C	Ni	Mn	Si	Nb	Cr	S	P	Cu	Mo
0.04 - 0.08	9.0 - 11.0	1.0 - 2.5	0.30 - 0.60	%Cx8 min or 0.95 max	19.0 - 21.5	0.03 max	0.03 max	0.50 max	0.50 max

## MECHANICAL PROPERTIES (RANGE)

TS (N/mm <sup>2</sup> )	EL (%) (L=4D)
550 - 650	30 - 45

## TYPICAL APPLICATIONS

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

**SHIELDING GAS** : 98% Ar + 1 - 2% Oxygen

## PACKING PARAMETERS

Size (mm)	Weight / Spool (kg)
0.8	12.5
1	12.5
1.2	12.5
1.6	12.5