

GM 347H



IDENTIFICATION :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.

CHARACTERISTICS :

GM347H 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.

TYPICAL APPLICATION :

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.

COMPOSITION OF THE WIRE (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 minor 0.95 max	19.0-21.5	0.03 max	0.03 max	0.50 max	0.50 max

MECHANICAL PROPERTIES (RANGE) :

Tensile Strength N/mm ²	Yield Stress N/mm ²	Elongation(%)(L=4D)
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550-650

400-500

30-45

PACKING DATA :

SIZE (mm)	Weight of the spool(Kg)
0.8	12.5
1.0	12.5
1.2	12.5
1.6	12.5