

GM 410NiMo

GMAW WIRE

IDENTIFICATION

GM 410NiMo, ER 410NiMo

CLASSIFICATION

AWS A5.9: ER410NiMo

DESCRIPTION

Stainless, Corrosion-resistant similar to matching 13% Cr (Ni) steels / cast steel grades. High resistance to corrosion fatigue cracking. For joining and surfacing applications with matching 13% Cr (Ni) and 13% Cr steels / cast steel grades.

CHEMICAL ANALYSIS (RANGE) %

C	Si	Mn	Cr	Mo	Ni	S	P	Cu
0.06 max	0.50 max	0.6 max	11.0 - 12.5	0.4 - 0.7	04-May	0.03 max	0.03 max	0.75 max

MECHANICAL PROPERTIES (RANGE)

Heat Treatment	TS (MPa)	EL (%) (L=4D)	CVN Impact Value
600°C /8 h	760 min	15 min	50 @ 20°C

TYPICAL APPLICATIONS

- 1.4002 - X6CrAl13
- 1.4313 - (G) X5CrNi13-4
- ACl Gr. CA 6Nm
- For surfacing of steel mill rolls.

MICRO STRUCTURE : Martensite

SHIELDING GAS : (Argon + CO2 gas) [80% Ar + 20% Co2]

PACKING PARAMETERS

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