

# 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