

GM 410

SOLID WIRE FOR MIG WELDING

IDENTIFICATION

GM 410, ER410

CLASSIFICATION

AWS/SFA 5.9: ER410

JIS:Z 3321 - Y410

DESCRIPTION

GM 410 is low carbon solid MIG wire depositing martensitic stainless steel weld metal. The deposited weld metal is resistant to corrosion, oxidation and hydrogen attack.

CHEMICAL ANALYSIS (RANGE) %

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.12 max	0.6 max	0.25 - 0.50	0.02 max	0.03 max	11.5 - 13.5	0.60 max	0.75 max	0.50 max

MECHANICAL PROPERTIES (RANGE)

UTS (MPa)	EL (%) (L=4D)	CVN Impact Value	
		Temp	Joules
540 - 720	20 min	20°C	80

TYPICAL APPLICATIONS

- Welding of stainless steel grade 410, 403, CA 15 (Cast) or SUS 403, 410.
- Surfacing carbon - manganese steel, low alloy steel, stainless steel etc.
- Chemical, Petrochemical, Refineries etc.

SHIELDING GAS: Argon + 2% Oxygen.

PACKING PARAMETERS

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