

# GM 410L

## SOLID WIRE FOR MIG WELDING

### IDENTIFICATION

GM 410L, ER 410L

### CLASSIFICATION

AWS/SFA 5.9: ER410L

JIS:Z 3321 - Y410

### DESCRIPTION

- GM 410L is extra 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
0.04 max	0.6 max	0.25 - 0.50	0.02 max	0.03 max	11.5 - 13.5	0.40 max	0.50 max	0.50 max

### MECHANICAL PROPERTIES (RANGE)

UTS (MPa)	EL (%) (L=4D)	CVN Impact Value	
		Temp	Joules
540 - 720	25 - 35	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