

GETIG 430L

IDENTIFICATION

Getig 430L, ER 430L

CLASSIFICATION

AWS/SFA 5.4: ER 430L

DESCRIPTION

Getig 430L is solid Tig wire depositing marsenitic 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 |
|----------|---------|-------------|----------|----------|-----------|---------|----------|----------|
| 0.06 max | 0.6 max | 0.25 - 0.50 | 0.03 max | 0.03 max | 15.5 - 17 | 0.6 max | 0.50 max | 0.50 max |

MECHANICAL PROPERTIES (RANGE)

| UTS (MPa) | EL (%) (L=4D) | Hardness of the Weld Metal |
|-----------|---------------|----------------------------|
| 550 - 700 | 20 - 28 | 330 - 390 Brinall |

TYPICAL APPLICATIONS

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

SHIELDING GAS : Pure Argon

PACKING PARAMETERS

| Size (mm) | Length (mm) | Packing / Packet (kg) | Packing / Box (kg) |
|-------------|-------------|-----------------------|--------------------|
| 1.6 | 1000 | 5 | 5 x 4 = 20 |
| 2 | 1000 | 5 | 5 x 4 = 20 |
| 2.40 / 2.50 | 1000 | 5 | 5 x 4 = 20 |
| 3.15 / 3.20 | 1000 | 5 | 5 x 4 = 20 |