

❖ Product Description

- I. Solid low manganese electrode
- II. Smooth feeding
- III. Close dimensional tolerances
- IV. Controlled chemistry

❖ Range of Application

- I. For general structural welding
- II. For fabrication of cylinders and vessels
- III. Long seam and cir seam welding of pipes
- IV. Common carbon steels
- V. Preparation of cushion layers in hard facing operation

❖ Classification

- AWS/SFA 5.17 EL 12

❖ % Chemical Composition

| Type of Wire | | C | Mn | S | Si | P | Cu |
|--------------|-----|------|------|-------|------|-------|------|
| EL12 | Min | 0.14 | 0.25 | - | - | - | - |
| | Max | 0.04 | 0.60 | 0.030 | 0.10 | 0.030 | 0.35 |

❖ Wire Size & Welding Position

- Diameter in mm- 1.60, 2.00, 2.40, 3.20, 4.00, 5.00.
- Weld Position- All position

❖ Packaging

- 25kg coil with or without support

Special Notes: -

- (1) All the value above mentioned are typical values.
- (2) Usually all chemistry and mechanical properties will depend on actual wire chemistry and arc voltage used for welding.

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