

C63-P

PRO FOR INDUSTRY



Rutile Electrode

AWS/ASME SFA 5.1 E 6013
EN ISO 2560-A E 380 RC 11

Welding of all kinds of light constructional work in all positions, including pipe welding, very easily operated in positional welding.

Characteristics on Usage:

- Excellent slag removal and arc transfer.
- Excellent striking and restriking properties.
- Excellent bead appearance without undercut.

Typical chemical composition of all-weld-metal (%)

| C | Si | Mn |
|------|------|------|
| 0,07 | 0,32 | 0,45 |

Typical mechanical properties of all-weld-metal

| Yield Strength (N/mm ²) | Tensile Strength (N/mm ²) | Elongation % | Charpy V-notch J (0 °C) |
|-------------------------------------|---------------------------------------|--------------|-------------------------|
| 430 | 480 | 29 | 70 |

Sizes available Welding Current (AC or DC±)

| Ø (mm) | 2.50 | 3.15 | 4.00 | 5.00 |
|--------------|--------|--------|---------|---------|
| AC, DC - (A) | 60-100 | 80-130 | 110-160 | 160-220 |

Welding positions



APPROVALS: GL, ABS, LR, BUREAU VERITAS

