



RASI E 7010

premium

PIPE WELDING
ELECTRODES

TECHNICAL SPECIFICATION SHEET

CHARACTERISTICS

RASI-PW 7010 is a medium coated all position including vertical down position cellulose electrode with a forceful penetrating arc giving thin slag and flat bead. The Weld metal deposits 0.55% Mo is highly ductile and Radiographic quality.

APPLICATIONS

RASI PW 7010 is ideally suited for C-Mo piping, Boiler plates - H11 and Pipe lines, storage tanks, pressure vessels, Tank wagons, Galvanized pipes, and structural fabrications where root runs for achieving good penetration is required.

CLASSIFICATIONS

AWS : A 5.1 E-7010-A1
IS : 1395 E49C-A1 10

CHEMICAL COMPOSITION OF ALL WELD METAL

| | |
|--------------------|-----------------|
| Carbon - 0.13% | Silicon - 0.30% |
| Manganese - 0.60% | Sulfur - 0.03% |
| Phosphorus - 0.03% | Mo - 0.55% |

Note: Single Values shown above are maximum

MECHANICAL PROPERTIES OF ALL WELD METAL

Tensile Strength (Kgf/mm²) - 49- 55
 Yeild Strength (Kgf/mm²) - 41 - 52.
 Elongation % - 22 - 30

WELDING CURRENT : DC± / AC 50 V

Ø 2.50 mm - 50-80 Amps
 Ø 3.15 mm - 80-120 Amps
 Ø 4.00 mm - 120-150 Amps
 Ø 5.00 mm - 150- 200 Amps.

***FOR APPROVALS AND CERTIFICATIONS KINDLY CONTACT :- info@rasielectrodes.com**

storage - Store in warm and dry place. If damped re dry at 100-110°C for 30 minutes.

*All statements, information and data given are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind, expressed or implied.

www.rasielectrodes.com

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