

ROYAL – 7010 P1

(MILD STEEL ELECTRODE)

● DESCRIPTION

It Is A Medium Coated All Position Cellulosic Electrode, Provides A Deep Penetration Forceful Arc With Readily Removable Thin Friable Slag And Deposits A Flat Bead With High Melting Rate. It Can Be Used In All Position Particularly On Multi Pass Welding In Vertical And Overhead Positions, Gives 100% Radiographic Quality Of Welds.

● CLASSIFICATION

AWS : A 5.5 E 7010 P1

● TYPICAL APPLICATION

- : Used In Joining Of Cross Country Steel Pipelines,
- : Pressure Pipelines, Storage Tanks.
- : Structural Fabrication.
- : Field Works Where Deep Penetration Is Required.

CURRENT (Amps)	SIZE (mm)	CURRENT (Amps)
DC (+)	2.50 x 350	60 – 90
	3.15 x 350	80 – 140
	4.00 x 350	120 – 180
	5.00 x 350	180 – 240

TYPICAL METAL ANALYSIS :-

C %	Mn %	Si %	S %	P %	Ni %	Cr %	Mo %	V %
0.20 Max	1.20 Max	0.60 Max	0.03 Max	0.03 Max	1.00 Max	0.30 Max	0.50 Max	0.10 Max

TYPICAL WELD METAL PROPERTIES :-

Y.S.	415 N/mm ² Min
U.T.S.	490 N/mm ² Min
ELONGATION (L = 4d)	22.0 % Min
IMPACT (CVN) AT – 30° C	27 Joules Min

PACKING SPECIFICATIONS :-

CURRENT (Amps)	SIZE (mm)	CURRENT (Amps)
2.50 x 350	5	20
3.15 x 350	5	20
4.00 x 350	5	20
5.00 x 350	5	20

ISO: 9001 – 2008 Certified Company

🌐 www.royalarc.in