

# VALIANT

## VALIANTWELD-310

AWS: A5.4:E310-16 IS-5206 : E25.20 R26

Valiantweld E 310 is a 25 Cr-20Ni type electrode for welding steels of similar composition. The weld metal has excellent resistance to oxidation and scaling up to 1200°C.

### CHEMICAL COMPOSITION

C	Mn	Si	Cr	Ni
0.08	2.40	0.50	26.8	21.5

### MECHANICAL PROPERTIES

UTS (Kg/mm <sup>2</sup> )	EI (L = 4D )%
61	32.0

### WELDING PARAMETERS

	Size (mm)	Current (Amp.)
AC/DC (-)	4.00 X 350	110-140
	3.15 X 350	80-100
	2.50 X 350	60-80

### APPLICATION

Ideally suited for welding of hardenable steels, clad steels, C-Mo, Cr-Mo steels where pre heat and post weld treatment are not feasible.

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