

# VALIANT

## VALIANT NI Cu

AWS:A5.11: E Ni Cu 7

A medium heavy coated, low hydrogen basic coated, monel electrode. Electrode has extensive corrosion resistance properties due to minimum iron content in the weld deposit. The joints are radiographically sound.

### CHEMICAL COMPOSITION

C	Mn	Si	Cr	Ni	Al	Ti	Fe	Cu
0.05	2.80	0.50	15.6	66.0	0.60	0.60	1.30	Balance

### MECHANICAL PROPERTIES

UTS (Kg/mm)	EI (L = 4D )%
51.0	34.0

### WELDING PARAMETERS

	Size (mm)	Current (Amp.)
AC/DC (-)	4.00 X 350	140-170
	3.15 X 350	100-130
	2.50 X 350	80-100

### APPLICATION

Suitable to weld monel metals to itself, monel to carbon steel or stainless steel. Welding on clad side or monel clad steel, seawater corrosion resistance applications, petrochemical, dairy, beverage industries, chemical industries etc.

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