

VALIANT

VALIANTWELD-308L

AWS:A5.4:E308L-16 IS : 5206: EI9.9 LR 26

A semi basic electrode producing an extra low carbon 19Cr-10Ni weld metal which has excellent resistance to intergranular corrosion. The weld metal has higher resistance to cracking, oxidation and scaling at elevated temperatures.

CHEMICAL COMPOSITION

C	Mn	Si	Cr	Ni	S	P
0.026	1.50	0.60	19.8	10.0	0.02	.025

MECHANICAL PROPERTIES

UTS (Kg/mm ²)	EI (L = 4D)%
55.0	40

WELDING PARAMETERS

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

APPLICATION

Ideally suited for welding of stainless steels of similar composition like AISI 304L,308L & their equivalents for overlays and surfacing applications etc.

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