



# LA308L

## STANDARD

AWS A5.22 E308L T1-1 ; E308L T1-4

## CHARACTERISTICS

Excellent operating properties, good appearance and slight spatter, corrosive resistance

## APPLICATION

With excellent corrosive resistance, LA308L is suitable for welding stainless steel 18%Cr-8%Ni (SUS304L) for industries such as pharmacy, chemical, oil and energy.

## TYPICAL CHEMICAL COMPOSITION (%)

C	Mn	Si	Cr	Ni	S	P
0.029	1.26	0.69	20.27	10.82	≤0.03	≤0.03

## MECHANICAL PROPERTIES: (CO2 SHIELDED)

Strength of Extension $\sigma_b$ (Mpa)	Ductility $\delta_5$ (%)
≥520	≥35
558	40

## WELDING PROCEDURE PARAMETERS

Diameter(mm)	Amperage(A)	Voltage(V)
Φ1.2	140-260	24-32
Φ1.6	200-300	27-34

## NOTES

1. CO2 purity≥99.5% , gas-flow≥20L/Min.
2. Deposited metal is unmachinable.
3. Pay attention to wind-resistance.
4. Remove the greasy dirt and moisture.