

INOX E309L-16

STAINLESS STEEL WELDING ELECTRODE



TYPICAL APPLICATIONS

1. Joining stainless steel to mild or low alloy steel
2. General Fabrication
3. Process Industries
4. Process Piping

CHARACTERISTICS

1. All positional welding capability
2. Self peeling slag
3. Smooth arc transfer
4. Super low carbon level helps eliminate carbide precipitation in high temperature service

CHEMICAL COMPOSITIONS (Wt%), ALL WELD METAL, TYPICAL

C	Mn	Si	S	P	Cr	Ni
0.02	1.15	0.76	0.018	0.025	22.8	12.7

MECHANICAL PROPERTIES, ALL WELD METAL, TYPICAL

Condition	Tensile Strength (Mpa)	Elongation (%)
AW	570	43

Note: ① Re bake it at 350 degrees for 1 hour prior to use.

CLASSIFICATION

AWS A5.4 E309L-16
EN ISO 3581-A-E 23 12 L R

PACKING SPECIFICATION

2kg Plastic Tube

CURRENT TYPE

AC/DC+

AVAILABLE SIZES (DIA./LENGTH)

2.5mm*300mm
3.2mm*350mm
4.0mm*350mm

EQUIVALENT TO

Lincoln Excalibur 309L-16 Kiswel KST-309L
Hyundai S-309L.16N Indura 309L
Esab Arcaloy 309L-16

SIZE	2.5mm	3.2mm	4.0mm
AMPS	50-85A	70-110A	95-150A