



# AK E309LT1-1/4 AWS A5.22 E309LT1-1/4

## Stainless Steel Flux Cored Welding Wire

E309LT1- 1 is a rutile type stainless steel flux-cored wire, which can be welded in all positions. It has excellent welding process performance and excellent mechanical properties. Due to its low carbon content, it has excellent crack resistance and good corrosion resistance.

1.2mm\*15kg

Lot No.: EM3129301

Date: Jul.08.2024

AK E309LT1-4	EN ISO 17633	AWS A5.22	Certificate number
Welding wire	A:T 23 12 L P C/M2	E309LT1-1/4	2407-0801

### CHEMICAL COMPOSITION OF WIRE (%)

	C	Si	Mn	S	P	Ni	Cr	Mo	Cu	—
%	0.026	0.43	1.67	0.005	0.016	13.25	23.12	0.020	0.005	—

### THE TEST RESULTS OF MECHANICAL PROPERTY OF DEPOSITED METAL

Tension Test			Impact test	
Tensile Strength (Mpa)	Yield Point (Mpa)	Elongation (%)	Temp (0C)	Impact Value(J)
560	355	41	—	—

Bend test—Face	Bend test—Side	Redrying	X Reys Test	Dictionary flux	HRC	HD
—	—	—	—	—	—	—

**NOTICE:** The results reported are based upon testing of the product under controlled laboratory conditions in accordance with American Welding Society Standards. Actual use of the product may produce different results due to varying conditions. An example of such conditions would be electrode size, plate chemistry, environment, weldment design, fabrication methods, welding procedure and service requirements. Thus the results are not guarantees for the use in the field. The manufacturer disclaims any warranty of merchantability of fitness for any particular purpose with respect to its products.

**CAUTION:** Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 550 NW LeJune Road, Miami, FL 33126: OSHA Safety and Health Standards 29 CRF 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.