



Stainless steel welding electrodes

A super-low carbon stainless steel electrode designed to weld Cr23Ni13 and similar composition type steels, the carbon content of its deposit metal is $\leq 0.04\%$. With excellent operation and processing properties. Its weld metal with excellent corrosion and pores resistance performance.

3.2mm

Lot No.: AD4091703

Date: Jul.25.2024

AK E309L-16	EN ISO 3581-A	AWS A5.4	Certificate number
welding electrodes	E (23 12) L R 32	E309L-16	2407-2502

CHEMICAL COMPOSITION OF WIRE (%)

	C	Si	Mn	S	P	Ni	Cr	N	Mo	Cu
%	0.034	0.68	1.01	0.010	0.026	12.44	23.31	0.04	0.04	0.05

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)
590	—	36	—	—

Bend test—Face	Bend test—Side	Redrying	X Reys Test	Dictionary flux	HRC	HD
OK	OK	OK	2-2T	—	—	—

—	2.5mm(3/32")	3.2mm(1/8")	4.0mm(5/32")	—
—	350mm	350mm	350mm	—

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.