



Stainless Steel Solid Welding Wire

A super low carbon and high silicon stainless steel welding wire have high deposition efficiency, and is used for joining similar 309L alloys or for joining 300- series stainless steels to carbon or low alloy steels. The low carbon content helps prevent intergranular corrosion and higher silicon increase weld puddle fluidity, suitable for high- speed welding

1.2mm*15kg

Lot No.: MJ4095308

Date: Aug.09.2024

AK ER309LSi	EN ISO 14343	AWS A5.9	Certificate number
Welding wire	A:G 23 12 LSi	ER309LSi	2408-0901

CHEMICAL COMPOSITION OF WIRE (%)

	C	Si	Mn	S	P	Ni	Cr	Mo	Cu	—
%	0.020	0.86	2.20	0.012	0.016	13.88	23.31	0.01	0.01	—

THE TESTRESULTS OF MECHANICAL PROPERTY OF DEPOSITED METAL

Tension Test			Impact test	
Tensile Strength (Mpa)	Yield Point (Mpa)	Elongation (%)	Temp (0C)	Impact Value(J)
615	—	41	—	—

Bend test—Face	Bend test—Side	Redrying	X Reys Test	Dictionary flux	HRC	HD
180°	180°	—	I	—	—	—

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.