



**Aluminium welding wire (TIG)**

ER4047 is an aluminum-silicon eutectic alloy welding wire, and its welding performance and weld characteristics are similar to ER4043. This welding wire can also be used as solder.

2.4mm\*1000mm

Lot No.: TL4096710

Date: Jul.29.2024

AK ER4047	EN ISO 18273	AWS A5.10	Certificate number
Welding rod	S Al 4047	ER4047	2407-2901

**CHEMICAL COMPOSITION OF WIRE (%)**

	Mg	Si	Mn	Zn	Fe	Ti	Cu	Al	—	—
%	0.03	12.35	0.02	0.04	0.12	0.01	0.003	Bal.	—	—

**THE TESTRESULTS OF MECHANICAL PROPERTY OF DEPOSITED METAL**

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

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.