



**Low Alloy Steel welding electrodes**

**3.2mm**

**Lot No.: AK2230810**

**Date: Aug.03.2024**

<b>AK E9018-B3</b>	<b>EN ISO</b>	<b>AWS A5.5</b>	<b>Certificate number</b>
<b>Welding electrodes</b>	<b>—</b>	<b>E9018-B3</b>	<b>2408-0301</b>

**CHEMICAL COMPOSITION OF WIRE (%)**

	<b>C</b>	<b>Si</b>	<b>Mn</b>	<b>S</b>	<b>P</b>	<b>Mo</b>	<b>Cr</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>%</b>	<b>0.063</b>	<b>0.30</b>	<b>0.61</b>	<b>0.010</b>	<b>0.011</b>	<b>0.96</b>	<b>2.36</b>	<b>—</b>	<b>—</b>	<b>—</b>

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

<b>Tension Test</b>			<b>Impact test</b>	
<b>Tensile Strength (Mpa)</b>	<b>Yield Point (Mpa)</b>	<b>Elongation (%)</b>	<b>Temp (0C)</b>	<b>Impact Value(J)</b>
<b>680</b>	<b>580</b>	<b>22</b>	<b>Ordinary</b>	<b>90 / 90 / 92</b>

<b>Bend test—Face</b>	<b>Bend test—Side</b>	<b>Redrying</b>	<b>X Reys Test</b>	<b>Dictionary flux</b>	<b>HRC</b>	<b>HD</b>
<b>—</b>	<b>—</b>	<b>—</b>	<b>2-2T</b>	<b>—</b>	<b>—</b>	<b>—</b>

**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 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.