



# Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China

[www.eescable.com](http://www.eescable.com)

## TEST REPORT

Products	AAAC Alliance		Size	246.9MCM	
Standard	ASTM B 399	Invoice No.	20230707003	Date	2023/07/07
NO.	Item	Standards and Requirements		Test Results	Evaluation
<b>1</b>	<b>Conductor</b>				
1-1	Diameter of conductor	14.31mm±0.15		14.31	Qualified
1-2	Number of Aluminum Alloy wire	7		7	Qualified
1-3	Outer Stranding direction	Rightward		Rightward	Qualified
1-4	Min. breaking load	37.82KN		41.13KN	Qualified
1-5	20°C Max D.C Resistance	≤0.2665 Ω /km		0.2628	Qualified
1-6	Grease	IEC Case 3		IEC Case 3	Qualified
1-7	Finished weight	343.3kg±6.8		346.8	Qualified
1-8	Surface quality of stranded wire	the surface shall be smooth, stranded compactly, no missing, broken, jumping or losing strands.		Smooth, compact	Qualified
<b>2</b>	<b>Performance of alloy wire</b>				
2-1	Diameter of Aluminum Alloy wire	4.77mm±0.048		4.77	Qualified
2-2	Min. Tensile Strength	≥315MPa		333MPa	Qualified
2-3	Elongation(250mm)	≥3.0%		7%	Qualified
2-4	20°C Max D.C Resistivity	≤0.032841		0.03079	Qualified
2-5	Wrapping test	Eight turns shall be wrapped round a mandrel of diameter equal to the wire diameter, the wire shall not break		No break	Qualified

Tested by: Shaoqiong He

Checked by: Guohui Xu

杭州益睿电线电缆有限公司

HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.

**Hangzhou Easy Electric Wire and Cable Co.,LTD**

Add: Room 305, Building 2, No. 380 Fengxin Road Hangzhou China