



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 35	Size	7*2.52MM2		
Standard	ASTMB398 ASTMB399	Invoice No.	20230216003	Date	2023/02/16
NO.	Item	Standards and Requirements	Test Results	Evaluation	
<b>1</b>	<b>Conductor</b>				
1-1	Diameter of conductor	$7.56 \pm 0.1$	7.57	Qualified	
1-2	Number of Aluminum Alloy wire	7	7	Qualified	
1-3	Diameter of Aluminum Alloy wire	$2.52 \pm 0.03$	2.52	Qualified	
1-4	Outer Stranding Direction	Rightward	Rightward	Qualified	
1-5	Min. breaking load	10.81KN	11.12KN	Qualified	
1-6	20°C Max D.C Resistance	$\leq 0.9651$	0.9651	Qualified	
1-7	Lay Ratio Of Conductor	10-16	13.8	Qualified	
1-8	Surface quality of stranded wire	the surface shall be smooth, stranded compactly, no missing, broken, jumping or loosing strands.	Smooth, compact	Qualified	
<b>2</b>	<b>Performance of alloy wire</b>				
2-1	Min. Tensile Strength	$\geq 315\text{MPa}$	344MPa	Qualified	
2-2	Elongation(250mm)	$\geq 3.0\%$	4.6%	Qualified	
2-3	20°C Max D.C Resistivity	$\leq 0.032841$	0.032716	Qualified	
2-4	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**  
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