



Hangzhou Easy Electric Wire and Cable Co.,LTD

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

www.eescable.com

TEST REPORT

Products	AAAC Ames	Size	7*2.67MM2		
Standard	ASTMB398 ASTMB399	Invoice No.	20220910002	Date	2022/09/10
NO.	Item	Standards and Requirements	Test Results	Evaluation	
1	Conductor				
1-1	Diameter of conductor	8.02 ± 0.1	8.03	Qualified	
1-2	Number of Aluminum Alloy wire	7	7	Qualified	
1-3	Diameter of Aluminum Alloy wire	2.67 ± 0.03	2.68	Qualified	
1-4	Outer Stranding Direction	Rightward	Rightward	Qualified	
1-5	Min. breaking load	12.42KN	12.98KN	Qualified	
1-6	20°C Max D.C Resistance	≤ 0.851	0.842	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 losing strands.	Smooth, compact	Qualified	
2	Performance of alloy wire				
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	≤ 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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