



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 Alliance		Size	7*4.77MM2		
Standard	ASTMB398 ASTMB399		Invoice No.	20220910004	Date	2022/09/10
NO.	Item	Standards and Requirements		Test Results	Evaluation	
1	Conductor					
1-1	Diameter of conductor	14.31±0.14		14.32	Qualified	
1-2	Number of Aluminum Alloy wire	7		7	Qualified	
1-3	Diameter of Aluminum Alloy wire	4.77±0.048		4.77	Qualified	
1-4	Outer Stranding direction	Rightward		Rightward	Qualified	
1-5	Min. breaking load	37.82KN		37.96KN	Qualified	
1-6	20°C Max D.C Resistance	≤0.2665		0.2647	Qualified	
1-7	Lay Ratio Of Conductor	10-16		13.5	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	
2	Performance of alloy wire					
2-1	Min. Tensile Strength	≥315MPa		322MPa	Qualified	
2-2	Elongation(250mm)	≥3.0%		3.6%	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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