



TEST REPORT

Products	AAAC Azusa		Size	7*3.37MM2		
Standard	ASTMB398 ASTMB399		Invoice No.	20221003002	Date	2022/10/03
NO.	Item	Standards and Requirements		Test Results	Evaluation	
1	Conductor					
1-1	Diameter of conductor	10.11 ± 0.11		10.12	Qualified	
1-2	Number of Aluminum Alloy wire	7		7	Qualified	
1-3	Diameter of Aluminum Alloy wire	3.37 ± 0.038		3.38	Qualified	
1-4	Outer Stranding direction	Rightward		Rightward	Qualified	
1-5	Min. breaking load	18.9KN		18.98KN	Qualified	
1-6	20°C Max D.C Resistance	≤0.5348		0.5316	Qualified	
1-7	Lay Ratio Of Conductor	10-14		12.3	Qualified	
1-8	Gqease	IEC Case 3		IEC Case 3	Qualified	
1-9	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		326MPA	Qualified	
2-2	Elongation(250mm)	≥3.0%		4.2%	Qualified	
2-3	20°C Max D.C Resistivity	≤0.032841		0.032718	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