



**TEST REPORT**

Products	AAAC Butte		Size	19*3.26		
Standard	ASTMB398 ASTMB399		Invoice No.	20221006001	Date	2022/10/06
NO.	Item	Standards and Requirements		Test Results	Evaluation	
<b>1</b>	<b>Conductor</b>					
1-1	Diameter of conductor	16.3 ± 0.17		16.4	Qualified	
1-2	Number of Aluminum Alloy wire	19		19	Qualified	
1-3	Diameter of Aluminum Alloy wire	3.26 ± 0.033		3.26	Qualified	
1-4	Outer Stranding direction	Rightward		Rightward	Qualified	
1-5	Min. breaking load	46.45KN		46.98KN	Qualified	
1-6	20°C Max D.C Resistance	≤0.2113		0.2087	Qualified	
1-7	Lay Ratio Of Conductor	10-14		12.8	Qualified	
1-8	Grease	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 losing strands.		Smooth, compact	Qualified	
<b>2</b>	<b>Performance of alloy wire</b>					
2-1	Min. Tensile Strength	≥315MPa		330MPa	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