



TEST REPORT

Products	AAC		Size	61*3.67	
Standard	ASTM B230 B231	Invoice No.	20221225001	Date	2022.12.25
NO.	Item	Standards and Requirements	Test Results	Evaluation	
1	Structure				
1-1	Number Of Wire	61	61	Qualified	
1-2	Dia. Of Wire	3.67mm ± 0.037	3.67	Qualified	
1-3	Diameter Of Conductor	33.01mm ± 0.33	33.03	Qualified	
1-4	Aluminum Elongation	≥ 1.9%	2.1%	Qualified	
1-5	Min. Tensile Strength	170N	178	Qualified	
1-6	Outer Stranding Direction Of Conductor	Rightward	Rightward	Qualified	
1-7	Min.Tensile Strength Of Conductor	98.61KN/mm2	111.16	Qualified	
1-8	20°C Max D.C Resistivity	≤0.028265	0.028150	Qualified	
2	Surface Of Conductor				
2-1	Surface Quality	The Surface Shall Be Smooth, Stranded Compactly, No Missing, Broken, Jumping or Loosing Strands.	Smooth, Compact	Qualified	
3	Conductor Properties				
4-1	20°C Max D.C Resistance	≤0.0446Ω/Km	0.0409	Qualified	
4-2	Lay Ratio Of Conductor	12-14	12.5	Qualified	
4-3	Unit Weight kg/km	1776.9 ± 35.5kg/km	1778.3kg/km	Qualified	

Tested by: shaoqionghe

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