



TEST REPORT

Products	AAAC Butte		Size	312.8MCM 19*3.26	
Standard	ASTMB398 ASTMB399	Invoice No.	20230103001	Date	2023/01/03
NO.	Item	Standards and Requirements		Test Results	Evaluation
1	Conductor				
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℃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	Weight of the finished cable without grease	435KG/KM±8.7		437	Qualified
1-10	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		330MPa	Qualified
2-2	Elongation(250mm)	≥3.0%		3.6%	Qualified
2-3	20℃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

杭州益睿电线电缆有限公司
HANGZHOU EASY ELECTRIC WIRE AND CABLE CO., LTD.

Checked by: Guohui Xu

Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room B415, Future Technology Park, No.7 Long Tan Road Hangzhou,China