



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	ACAR 900 (30/7)		Size	30*3.96+7*3.96		
Standard	ASTM B398; ASTM B524; ASTM B230		Invoice No.	20230220001	Date	2023.02.20
NO.	Item	Standards and Requirements	Test Results	Evaluation		
1	Structure					
1-1	Number Of AL Wire	30	30	Qualified		
1-2	Number Of AAAC Wire	7	7	Qualified		
1-3	Diameter Of Conductor	27.72±0.28	27.73	Qualified		
1-4	20°C Max D.C Resistance	0.0649	0.0611	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	Structure Performance					
3-1	Outer Stranding Direction Of Conductor	Rightward	Rightward	Qualified		
4	Aluminum Wire Properties					
4-1	Diameter Of AL Wire	3.96±0.04	3.962	Qualified		
4-2	Resistivity at 20°C	0.028172Ω·mm ² /m	0.028165	Qualified		
4-3	Min. Tensile Strength	160MPA	174MPA	Qualified		
4-3	Elongation	≥1.9%	2.1%	Qualified		
4-4	Wrapping Test	The wire shall be wrapped around 8 times the diameter of the wire, from a close helix 6 turns, wire shall not crack	Not crack	Qualified		
5	AAAC Wire Properties					
5-1	Diameter Of AAAC Wire	3.96±0.04	3.963	Qualified		

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5-2	Resistivity at 20°C	0.03284Ω·mm ² /m	0.03252Ω·mm ² /m	Qualified
5-3	Min. Tensile Strength	305MPA	325 MPA	Qualified
5-4	Elongation(250mm)	≥3%	4.5%	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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