



**TEST REPORT**

Products	ACSR		Size	1/0AWG REVEN	
Standard	6+1/3.37	Invoice No.	20230107003	Date	2023.1.7
NO.	Item	Standards and Requirements		Test Results	Evaluation
<b>1</b>	<b>Structure</b>				
1-1	Number Of AL Wire	6		6	Qualified
1-2	Number Of Steel Wire	1		1	Qualified
1-3	Diameter Of Conductor	10.11±10%		10.16	Qualified
1-4	20℃ Max D.C Resistance	≤0.5232 Ω/km		0.5169	Qualified
1-5	The direction of outer layer	Right- handed		Right- handed	Qualified
<b>2</b>	<b>Surface Of Conductor</b>				
2-1	Surface Quality	The Surface Shall Be Smooth, Stranded Compactly, No Missing, Broken, Jumping or Loosing Strands.		Smooth, Compact	Qualified
<b>3</b>	<b>Aluminum Wire Properties</b>				
3-1	Material	Hard drawn aluminum wire		Hard drawn aluminum wire	Qualified
3-2	Diameter Of AL Wire	6/3.37		6/3.37	Qualified
3-3	Min. Tensile Strength	160N/mm <sup>2</sup>		175	Qualified
3-4	Resistivity at 20℃	≤0.028264		0.027862	Qualified
3-5	Elongation in 10 in	1.6%		2.4%	Qualified
<b>4</b>	<b>Steel Wire Properties</b>				
4-1	Diameter Of Steel Wire	1/3.37		1/3.37	Qualified

4-2	Min. Tensile Strength	1410N/mm <sup>2</sup>	1546	Qualified
4-3	Min.stress at 1% elongation	≥1310N/mm <sup>2</sup>	1382	Qualified
4-4	Elongation	≥3%	6%	Qualified

Tested by: Shaoqiong He

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