



TEST REPORT

Products	ACAR		Size	300MCM	
Standard	12/3.193+7/3.193	Invoice No.	20230107004	Date	2023.1.7
NO.	Item	Standards and Requirements		Test Results	Evaluation
1	Structure				
1-1	Number Of AL Wire	12		12	Qualified
1-2	Number Of Steel Wire	7		7	Qualified
1-3	Diameter Of Conductor	15.965 ± 10%		15.976	Qualified
1-4	20°C Max D.C Resistance	≤0.1995 Ω/km		0.1906	Qualified
1-5	The direction of outer layer	Right- handed		Right- handed	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	Aluminum Wire Properties				
3-1	Material	Hard drawn aluminum wire		Hard drawn aluminum wire	Qualified
3-2	Diameter Of AL Wire	12/3.193		12/3.193	Qualified
3-3	Min. Tensile Strength	160N/mm ²		176	Qualified
3-4	Resistivity at 20°C	≤0.028264		0.027786	Qualified
3-5	Elongation in 10 in	1.6%		3%	Qualified
4	Steel Wire Properties				
4-1	Diameter Of Steel Wire	7/3.193		7/3.193	Qualified

4-2	Min. Tensile Strength	315N/mm ²	360	Qualified
4-4	Elongation	≥3%	4.6%	Qualified

Tested by: Shaoqiong He

Checked by: Guohui Xu

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

Hangzhou Easy Electric Wire and Cable Co.,LTD

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