



TEST REPORT

| Products | AAC Ant | | Size | 7*3.1 | |
|----------|--|--|-----------------|------------|------------|
| Standard | ASTM B230 B231 | Invoice No. | 20221128001 | Date | 2022.11.28 |
| NO. | Item | Standards and Requirements | Test Results | Evaluation | |
| 1 | Structure | | | | |
| 1-1 | Number Of Wire | 7 | 7 | Qualified | |
| 1-2 | Dia. Of Wire | 3.1±0.03 | 3.1 3.1 3.1 | Qualified | |
| 1-3 | Diameter Of Conductor | 9.3 | 9.3 | Qualified | |
| 1-4 | Outer Stranding Direction Of Conductor | right | right | Qualified | |
| 1-5 | Min. Tensile Strength | 8280N/mm2 | 9562 | Qualified | |
| 1-6 | 20°C Max D.C Resistivity | ≤0.028264 | 0.028151 | 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 | ≤0.5419 | 0.5387 | Qualified | |
| 4-2 | Lay Ratio Of Conductor | 12-14 | 13.1 | Qualified | |
| 4-3 | Unit Weight kg/km | ≥144.2kg/km | 145.1kg/km | Qualified | |

Tested by: shaoqionghe

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