

 **DEKRA**  
Test Report

Applicant : HUZHOU GELEI CABLES CO.,LTD.  
B310 Building No.3 Qixing Industrial Park No.666 Qixing Road Huzhou city China

Application Date: December 13, 2024

Report Number : 6212831.51

Subject : Silver Plated Copper Clad Aluminium Wire

Trademark : --

Type(s) : 0.10 mm

Shanghai, January 16, 2025

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Manufacturer : HUZHOU GELEI CABLES CO.,LTD.  
B310 Building No.3 Qixing Industrial Park No.666 Qixing Road Huzhou city China

Requirement : Customer technical specification requirements

Conclusion : The product complies with the specified requirement

Tested by (name + signature) : Haiwei Yuan



Approved by (name + signature) : Wenbin He



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## 1 INTRODUCTION

The purpose of the work was to determine the performance of Silver Plated Copper Clad Aluminium Wire when it was subjected to the tests on completed wire as requested in accordance with the following standards or specification.

Customer technical specification requirements                      Salt spray test

## 2 DETAILS OF TEST SPECIMEN RECEIVED

The test specimen was supplied by HUZHOU GELEI CABLES CO.,LTD. and received on December 12, 2024 with 2 pcs

## 3 PRODUCT DESCRIPTION

Type	Silver Plated Copper Clad Aluminium Wire
Size	0.10 mm

## 4 TESTING PERIOD

All the tests were performed from December 25, 2024 to January 2, 2025.

## 5 TESTING LABORATORY

DEKRA Testing and Certification (Shanghai) Ltd.  
No. 1050 Xingxian Road Shanghai, China

### SUMMARY OF TEST

No.	Test item	Summary <sup>1)</sup> (P/F/N/O/D)
6.1	Salt spray test	P

#### Remark

1) 'P', means pass; 'F', means fail; 'N', means no value requirement; 'O/D', means observed and documented.

## 6 TESTS CONDUCTED AND TEST RESULT

### 6.1 Salt spray test

This test was conducted in accordance with test method given in customer technical specification requirements. The test result was given as below.

#### Test date and environmental conditions

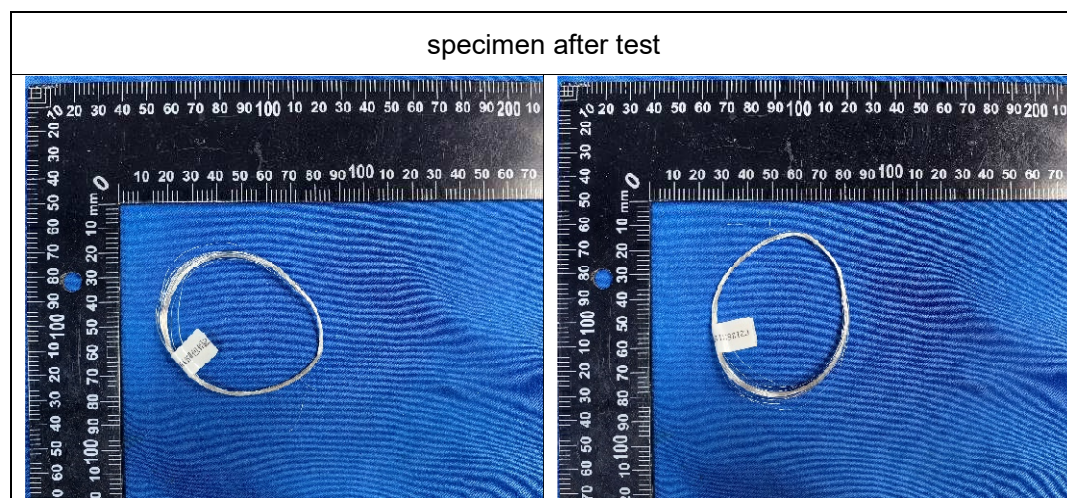
Test date : December 25, 2024 to January 2, 2025  
 Ambient temperature : 23 °C

#### Test conditions

Spray requirement : spraying occurs for 15 minutes every 45 minutes  
 Solution pH value : pH 6.5-7.2  
 Salt solution concentration : 5% (weight)  
 Temperature in the chamber : 27±2 °C  
 Test duration : 196 h

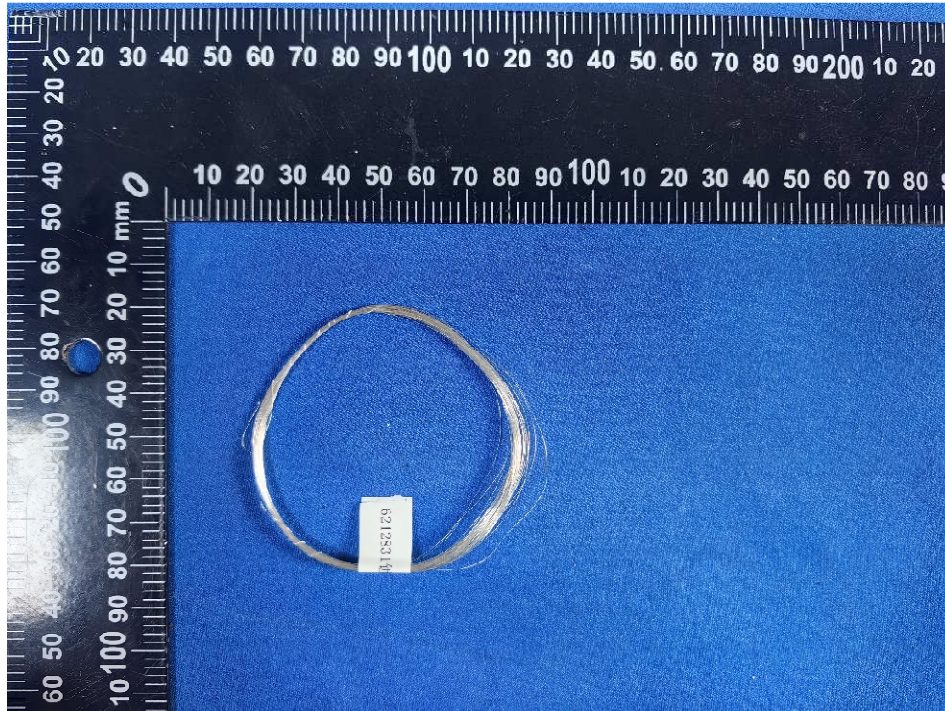
#### Examination after test

Results to be obtained	Requirement	Observed	Test verdict <sup>1)</sup>
Result by visual inspection	No corrosion	No corrosion	P



ANNEX I PICTURES

Specimen as received



Silver Plated Copper Clad Aluminium Wire 0.10 mm

**ANNEX II TEST EQUIPMENTS**

<b>Test equipments</b>	<b>Model</b>	<b>Registration No,</b>	<b>Calibration due date</b>
Salt spray test chamber	CC540IP	JD-RA 105	2025/11/27

.....**END OF TEST REPORT**.....