

Test Report

Number: SHAH01947737

Applicant: WENZHOU HENGSI OPTICS TECHNOLOGY CO.,LTD
ROOM 6101-E3 房, CITIC PLAZA,NO.233
TIANHE NORTH ROAD TIANHE DISTRICT,
GUANGZHOU, CHINA

Date: 20 Apr, 2026

Sample Description:

One (1) style of submitted sample said to be :

Item Name : Frame
P.O.No. : 20260409001
Country Of Origin : China

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

<u>Tested sample:</u>	<u>Requirement:</u>	<u>Result:</u>
Submitted sample	EN ISO 12870: 2025 - Ophthalmic optics - Spectacle frames - Requirements and test methods - Clause 4.11 - Resistance to perspiration	Pass

UV-Condensation Exposures Test

Pass

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang, Wenzhou Branch



Bobo Yao
Assistant General Manager



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1 Requirements for Spectacle Frames (Partial test upon request)

Test standard: EN ISO 12870: 2025 - Ophthalmic optics - Spectacle frames - Requirements and test methods.

Number of samples tested: One (1) pair.

Clause	Requirement	Result
4.11	Resistance to perspiration	P

Abbreviation: P = Pass

Test data:

4.11 Resistance to perspiration

Time line	After 8 hours	After 24 hours
Location	Anywhere on the frame, excluding joints and screws	On the parts liable to come into prolonged contact with the skin during wear, i.e. the insides of sides, bottom and lower parts of the rim and the inside of the bridge
Assessment	Spotting or obvious alteration in colour (except for loss of gloss to the surface); the labelling of manufacturer/brand, model and size can't be legible	Corrosion, surface degradation (e.g., roughness, orange peel appearance) or separation of any coating layer
Result	Not found	Not found

Date sample received: Apr.14, 2026

Testing period: Apr.15, 2026 To Apr.16, 2026

To be continued



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2 UV-CONDENSATION EXPOSURES TEST

With reference to the standard ASTM G154: 2023 Standard Practices for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials. The submitted sample was subjected to the following test.

Number of sample tested: One (1) of piece

Initial inspection: No any damage was found as sample received stage.

Equipment Name: Fluorescent UV/condensation weathering instrument

Test Method:

Test specimens shall withstand 48 hours Weathering Test based on ASTM G154: 2023 cycle 1, the description please see below.

<u>Cycle number</u>	<u>Cycle description</u>	<u>340nm Irradiance</u>	<u>Black panel temperature</u>
1	8 h UV	0.89 W/(m ² .nm)	60±3°C
	4 h condensation	Dark period	50±3°C
	Repeated continuously		

Client's requirement:

Test result:

Sample shall not have any noticeable visual change (crack, breakage, chipping, loss of functionality, color change)after exposure. Grey scale for assessing change in color after 48 hours UV test, detailed test results see below:

<u>Sample</u>	<u>Result</u>
Glasses	4-5

Verdict: Pass

Date sample received: Apr.14, 2026

Testing period: Apr.14, 2026 To Apr.20, 2026

To be continued



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End of report

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