TEST REPORT

No. : GZMR250902998901
Date : Sep 12, 2025
Page: 1 of 7

Scan to see the report
GZMR250902998901
Verification: check.sgsonline.com.cn

CUSTOMER NAME:		DONGGUAN XINYI PLASTIC PRODUCTS CO..LTD.
ADDRESS:		4 Floor, 7 Building, Niu Shang Zhi Gu, Yuhu Road No.6, Fenggang Town, Dongguan City
Sample Name	:	Anti-Blue Light& Privacy Screen Protector for Computer

Above information and sample(s) was/were submitted and confirmed by the client (Sample source: Provided by client). SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

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SGS Ref No.	:	T52510340050SC
Date of Receipt	:	Sep 08, 2025
Testing Start Date	:	Sep 08, 2025
Testing End Date	:	Sep 12, 2025
Test Result(s)	:	For further details, please refer to the following page(s) (Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Mico Yu

Mico Yu
Authorized signatory

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Inspection & Testing Laboratory

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TEST REPORT

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Luminous Transmittance	GB/T 2410-2008 Method A	57.81%	/
2	Cut Off and Transmittance	GB/T 38120-2019 Section 6.1 and client's requirement	See result	/

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.

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TEST REPORT

1. Test Item: Luminous Transmittance

Sample Description: A-Finished product

Test Method: GB/T 2410-2008 Method A

Test Condition:

Specimen thickness: 0.460 mm

Light source: C

Lab Environmental Condition: (23 ± 2) °C, (50 ± 5) %RH

Test Result:

Sample A

Test Item	Test Result
Luminous Transmittance	57.81%

Note: The item was carried out by SGS-CSTC Standards Technical Services Co., Ltd. Suzhou Branch.

Test Photo:



Test Sample-Sample A

Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
Thickness meter	TG-3130-A3	SUZMR-066	2024-11-12	2025-11-11
Haze Meter	NDH8000	SUZMR-329	2024-11-13	2025-11-12

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2. Test Item: Cut Off and Transmittance

Sample Description: A-Finished product

Test Method: GB/T 38120-2019 Section 6.1 and client's requirement

Client's requirement: Thickness not met

Test Condition:

Specimen thickness: 1.462mm

The surface facing the light source: After tearing off the film on both sides, choose any option

Test model: Transmittance

Wavelength Range: 385nm~505nm

Wavelength spacing: 5nm

Lab Environmental Condition: (23 ± 2) °C, (50 ± 5) %RH

Test Result:

Sample A

Specimen	Wavelength Range	Cut Off	Transmittance
1	385nm~415nm	98.9%	1.1%
	415nm~445nm	63.0%	37.0%
	445nm~475nm	50.1%	49.9%
	475nm~505nm	48.7%	51.3%
2	385nm~415nm	99.0%	1.0%
	415nm~445nm	65.5%	34.5%
	445nm~475nm	53.4%	46.6%
	475nm~505nm	51.7%	48.3%
3	385nm~415nm	98.9%	1.1%
	415nm~445nm	63.3%	36.7%
	445nm~475nm	50.7%	49.3%
	475nm~505nm	49.0%	51.0%

SGS-CSTC Standards Technical Services Co.,Ltd. Guangzhou Branch Materials Chemistry Laboratory
检验检测专用章 Inspection & Testing Services

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TEST REPORT

No. : GZMR250902998901
Date : Sep 12, 2025

Original data:

Sample A

Wavelength, nm	T, % - 1	T, % - 2	T, % - 3	Cut Off, % - 1	Cut Off, % - 2	Cut Off, % - 3
505	51.25	48.49	50.98	48.75	51.51	49.02
500	51.20	48.52	51.10	48.80	51.48	48.90
495	51.25	48.52	51.24	48.75	51.48	48.76
490	51.33	48.48	51.27	48.67	51.52	48.73
485	51.39	48.34	51.12	48.61	51.66	48.88
480	51.35	48.03	50.86	48.65	51.97	49.14
475	51.11	47.61	50.43	48.89	52.39	49.57
470	50.76	47.17	49.90	49.24	52.83	50.10
465	50.32	46.75	49.40	49.68	53.25	50.60
460	49.86	46.44	49.00	50.14	53.56	51.00
455	49.44	46.26	48.78	50.56	53.74	51.22
450	49.12	46.16	48.72	50.88	53.84	51.28
445	48.88	46.01	48.70	51.12	53.99	51.30
440	48.56	45.64	48.50	51.44	54.36	51.50
435	48.03	44.96	47.84	51.97	55.04	52.16
430	46.20	42.99	45.82	53.80	57.01	54.18
425	39.52	36.55	38.88	60.48	63.45	61.12
420	22.25	20.48	21.71	77.75	79.52	78.29
415	5.35	4.93	5.18	94.65	95.07	94.82
410	0.98	0.92	0.95	99.02	99.08	99.05
405	0.49	0.47	0.49	99.51	99.53	99.51
400	0.41	0.39	0.41	99.59	99.61	99.59
395	0.30	0.28	0.29	99.70	99.72	99.71
390	0.15	0.13	0.14	99.85	99.87	99.86
385	0.09	0.08	0.08	99.91	99.92	99.92

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TEST REPORT

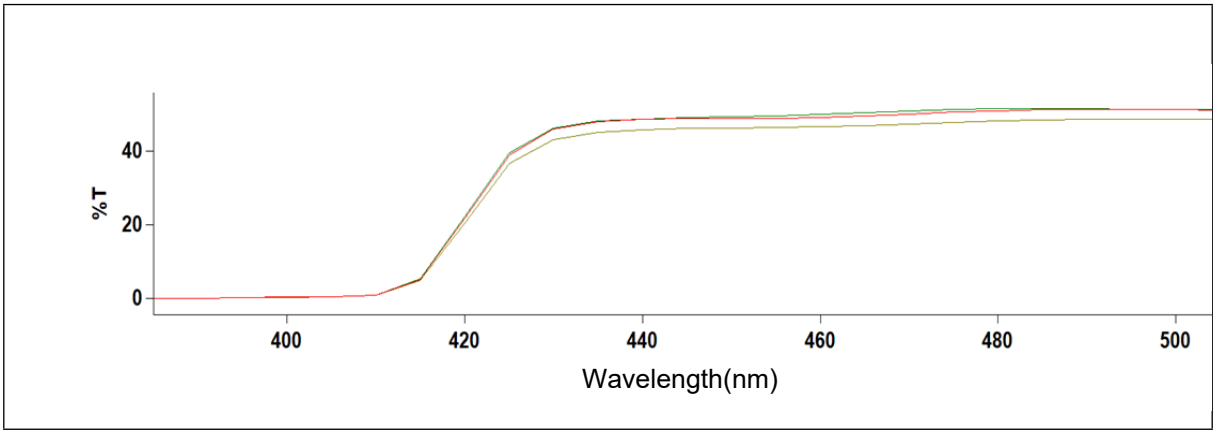
No. : GZMR250902998901
Date : Sep 12, 2025

Note:

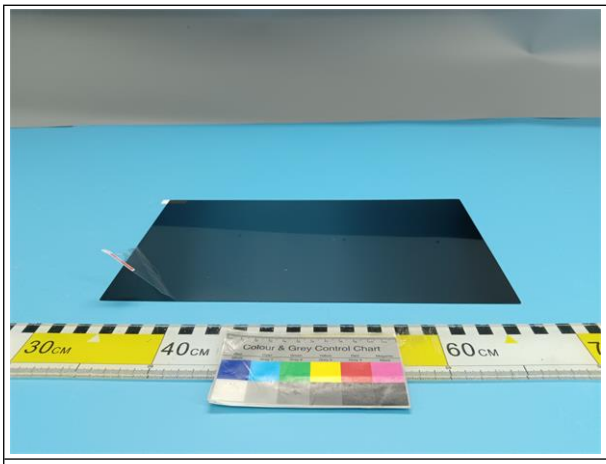
1. Test specimens were cut from the sample.
2. Cut off,%=100%-Average spectral transmittance.
3. The protected films of both sides were ripped off before test.

Curve

Sample A



Test Photo:

	
Original Sample-Sample A	Before Test-Sample A

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TEST REPORT

Equipment Information:

Equipment Name	Model	Equipment No.	Calibration date	Next Calibration date
UV-Vis-NIR Spectrophotometer	Cary-5000	GZMR-AG-E362	2025-04-11	2026-04-10
Digital thickness gauge	BGD 964/2	GZMR-AG-E355	2025-08-04	2026-08-03

Appendix information:

*The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc. and just for client internal reference.

******** End of report********

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