

TEST REPORT



Number: HKGH02258659

Date: Feb 27, 2018

Attn: MR VICENT WEN

Submitted sample said to be :
Item Name : 防蓝光养眼保护膜
Ref. No. : **S-01, S-02**
Quantity : One pack
Country of Origin : China

Conclusion:
The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) EN ISO 12312-1:2013+A1:2015, clause 5.3.5.1.2 Blue light transmittance	See detail enclosed
(2) UV-400	See details enclosed

For and on behalf of :
Intertek Testing Services HK Ltd.



Angel Y.F. Cheung
Vice President



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(1) Blue light transmittance

Test standard: EN ISO 12312-1:2013+A1:2015 – Eye and face protection – Sunglasses and related eyewear – Part 1: Sunglasses for general use, clause 5.3.5.1.2 blue light transmittance.

Number of sample tested: One (1) piece.

Result:

Wavelength (nm)	T _{sb} Transmittance (%)
380	<0.10
385	<0.10
390	<0.10
395	<0.10
400	0.12
405	0.17
410	0.80
415	11.23
420	41.49
425	59.68
430	65.86
435	68.61
440	70.66
445	72.61
450	74.26
455	75.54
460	76.34
465	76.64
470	77.03
475	77.48
480	78.20
485	79.08
490	79.69
495	79.93
500	79.98

Date sample received : Feb 14, 2018

Testing period : Feb 14, 2018 to Feb 26, 2018



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(2) UV-400

Test Method : Assessment was made against a level of 100% UV protection, in which the spectral transmittance was examined within a range of 280nm - 400nm to ensure that a transmittance value of 0.5% was not exceeded.

Number of samples tested: One (1) piece.

Result :

Wavelength (nm)	Transmittance (%)
280	<0.10
285	<0.10
290	<0.10
295	<0.10
300	<0.10
305	<0.10
310	<0.10
315	<0.10
320	0.77*
325	1.30*
330	1.17*
335	0.63*
340	0.31
345	0.14
350	0.22
355	0.14
360	0.12
365	<0.10
370	<0.10
375	0.10
380	<0.10
385	<0.10
390	<0.10
395	<0.10
400	0.12



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Comment :The submitted sample was considered **not acceptable** to make a claim of "UV 400" protection, the criteria of which was mentioned above.

Date sample received : Feb 14, 2018
Testing period : Feb 14, 2018 to Feb 26, 2018

End of report

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