

Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute
American Society for Testing and Materials
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

Test Report

Number: HKGH01505117

Applicant: SHENZHEN TAIJI OPTO-ELEC CO LTD
#8 5TH ROAD
LOUCUN 1ST INDUSTRIAL AREA
GONGMING GUANGMING NEW DISTRICT
SHENZHEN 518107 CHINA

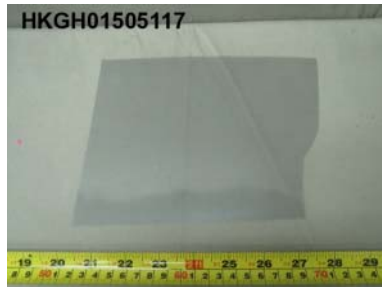
Date: Jun 17, 2013

Attn: MR VICENT WEN

Sample Description:

Five (5) pieces of submitted sample said to be **EyeO2 Anti-Blue Light Screen Protector for all LCD/LED Screen**

Ref. No. : 910AM-3/911AM-3/912AM-3/913AM-3
Country of Origin : China



Tests conducted:

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

Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	EN 1836:2005 + A1:2007, clause 4.1.5.2.2 Blue light transmittance	See detail enclosed
	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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Tests Conducted

1 Blue light transmittance

Test standard: EN 1836:2005 + A1:2007 - Personal eye-equipment - Sunglasses and sunglare filters for general use and filters for direct observation of the sun, clause 4.1.5.2.2 blue light transmittance.

Number of sample tested: One (1) piece.

Result :

Wavelength (nm)	T _{sb} Transmittance (%)
380	0.11
385	0.11
390	0.10
395	<0.10
400	0.13
405	0.15
410	0.16
415	2.04
420	23.86
425	49.67
430	59.84
435	63.66
440	65.56
445	66.95
450	68.03
455	69.11
460	70.25
465	71.22
470	72.08
475	72.85
480	73.50
485	74.26
490	74.90
495	75.12
500	75.15

Date sample received : Jun 07, 2013
Testing period : Jun 07, 2013 to Jun 11, 2013





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Tests Conducted

2 UV-400

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 sample tested : One (1) piece

Result :

Wavelength (nm)	Transmittance (%)
280	0.16
285	<0.10
290	<0.10
295	<0.10
300	<0.10
305	<0.10
310	<0.10
315	0.16
320	0.37
325	0.25
330	0.14
335	0.13
340	0.11
345	<0.10
350	<0.10
355	<0.10
360	0.24
365	0.10
370	<0.10
375	0.13
380	0.11
385	0.11
390	0.10
395	<0.10
400	0.13

Comment : The submitted sample was considered acceptable to make a claim of "UV-400" protection, the criteria of which was mentioned above.

Date sample received : Jun 07, 2013 Jun 07, 2013

Testing period : Jun 07, 2013 Jun 07, 2013 to Jun 11, 2013

End of report

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