

Applicant : BLUECAT SCREEN

Date : 29 Sep, 2016

Sample Description :

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

Sample Name: Lens.

Country Of Origin: China.

Tests Conducted :

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

Conclusion:

Tested sample Requirement Result

Submitted samples EN ISO 12312-1:2013 Eye and face protection – Sunglasses and related eyewear– Part 1: Sunglasses for general use
- Clause 5.3.5.1.2 - Blue light transmittance

To be continued

Authorized By :



Leo Shi
General Manager



Tests Conducted

Blue light transmittance

Test standard:

- EN ISO 12312-1:2013 Eye and face protection – Sunglasses and related eyewear – Part 1: Sunglasses for general use
- EN ISO 12311:2013 Personal protective equipments – Test methods for Sunglasses and related eyewear

Number of samples tested: One (1) pair of reading glasses per diopter, total two (2) diopters.

Clause	Requirement	Result
5	Transmittance	
5.3.5	Claimed transmittance properties	
5.3.5.1.2	Blue light transmittance	See test data

Test data:

5.3.5.1.2 Blue light transmittance

Range	T _{sb}			
380 - 500nm	Sample 1 (+2.25)		Sample 2 (+1.00)	
	Left ocular	Right ocular	Left ocular	Right ocular
	81.64%	82.41%	77.65%	78.34%

Remark: The testing scope of the following standard was not applicable to the submitted samples.

Date sample received : Sep.27, 2016

Testing period : Sep.28, 2016 To Sep.29, 2016

To be continued

Tests Conducted



End of report

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