

APPLICATION FOR PPE TEST REPORT

On Behalf of

Prepared For : SHENZHEN LIONSTAR TECHNOLOGY CO., LTD
Address : 5Floor, No. 1 Factory, 4 Chuangye Road, Zhangbei, Xinlian Community,
Longgang District, 518172, SZ, China
Product Name : Plastic Solar Eclipse Glasses
Trademark : Lionstar
Model : LSP5

Prepared By : SHENZHEN POCE TECHNOLOGY CO., LTD.
Address : H Building, Hongfa Science And Technology Park, Tangtou, Shiyan,
Bao'An District, Shenzhen, China
Test Date : Jun. 08, 2020 – Jun. 14, 2020
Date of Report : Jun. 14, 2020
Report No. : POCE200610028URS
The standard : EN ISO 12312-2:2015

Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior written consent of Shenzhen POCE Technology Co., Ltd.

TEST REPORT

EN ISO 12312-2:2015
Eye and face protection — Sunglasses and related eyewear
Part 2: Filters for direct observation of the sun

Report Reference No.....: POCE200610028URS

Compiled by (+ signature).....: Cvan

Approved by (+ signature).....: Calvin Chen

Date of issue.....: Jun. 14, 2020



Testing Laboratory.....: Shenzhen POCE Technology Co., Ltd

Address.....: H Building, Hongfa Science And Technology Park, Tangtou, Shiyan,
 Bao'an District, Shenzhen, China

Applicant's name.....: Shenzhen Lionstar Technology Co., Ltd

Address.....: 5Floor, No. 1 Factory, 4 Chuangye Road, Zhangbei, Xinlian Community,
 Longgang District, 518172, SZ, China

Test Stanfard.....: EN ISO 12312-2:2015

Test item description.....: Plastic Solar Eclipse Glasses

Trademark.....: Lionstar

Model.....: LSP5

Manufacturer.....: Shenzhen Lionstar Technology Co., Ltd

Address.....: 5Floor, No.1 Factory, 4 Chuangye Road, Zhangbei, Xinlian Community,
 Longgang District, 518172, SZ, China

Test case verdicts:

Test case does not apply to the test object.....: N(A)

Test object does meet the requirement.....: P(ass)

Test object does not meet the requirement....: F(ail)

Testing:

Date of receipt of test item.....: Jun. 08, 2020

Date (s) of performance of tests.....: Jun. 08, 2020 – Jun. 14, 2020

General remarks

This test report shall not be reproduced except in full without the written approval of the testing laboratory.

The test results presented in this report relate only to the item tested.

"(see remark #)" refers to a remark appended to the report.

"(see appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.

Remark :

- The EUT complies with the requirement of standard EN ISO 12312-2:2015

Copy of marking plate:

Plastic Solar Eclipse Glasses

Model: LSP5



Shenzhen Lionstar Technology Co. Ltd
Made in China

EN ISO 12312-2:2015			
Clause	Requirement	Remark	Result
4	Requirements and associated test methods		P
4.1	Transmittance		P
4.1.1	General		P
	The transmittance requirements of filters for the direct observation of the sun are given in Table 1. Transmittance values shall be measured or calculated at the boxed centre of the filter for normal incidence, as described in ISO 12311:2013, 7.1.1, 7.1.2, 7.3.2, 7.3.3, and 7.5.		P
4.1.2	Uniformity of luminous transmittance		P
	The relative difference in the luminous transmittance value between any two points of the filter shall not be greater than 10 % (relative to the higher value). This requirement shall apply within a circle 0 mm in diameter around the boxed centre or to the edge of the filter less the marginal zone 5 mm wide, whichever is greater.		P
4.2	Material and surface quality		P
4.2.1	Requirements		P
4.2.2	Test method		P
4.3	Mounting		P
4.3.1	General		P
4.3.2	Dimensions		P
4.3.3	Material quality		P
5	Labelling		P
	The filter and/or its packaging shall show the following information in the language(s) of the country here the product is to be offered for sale:		--
	a) name and address of manufacturer of the product;		P
	b) instructions for use in looking at the sun or a solar eclipse;		P
	c) warnings that viewing the sun without an appropriate filter can result in permanent eye injury;		P
	d) warnings that filters that are damaged or separated from their mountings should be discarded;		P
	e) advice on storage, cleaning, and maintenance, as appropriate;		P
	f) obsolescence deadline or period of obsolescence, as appropriate.		P

DETAILED RESULTS:

Transmittance	Measured value	limit	Result
Luminous Transmittance	0.0011%	>0.000061%and <0.0032%	Pass
Solar UVB transmittance	0.00065%	0.0011%	Pass
Solar UVA transmittance	0.00071%	0.0011%	Pass
Solar infrared transmittance	0.868%	3%	Pass

Photo

Photo 1

view

- front
- back
- side
- top
- internal
- bottom



Photo 2

view

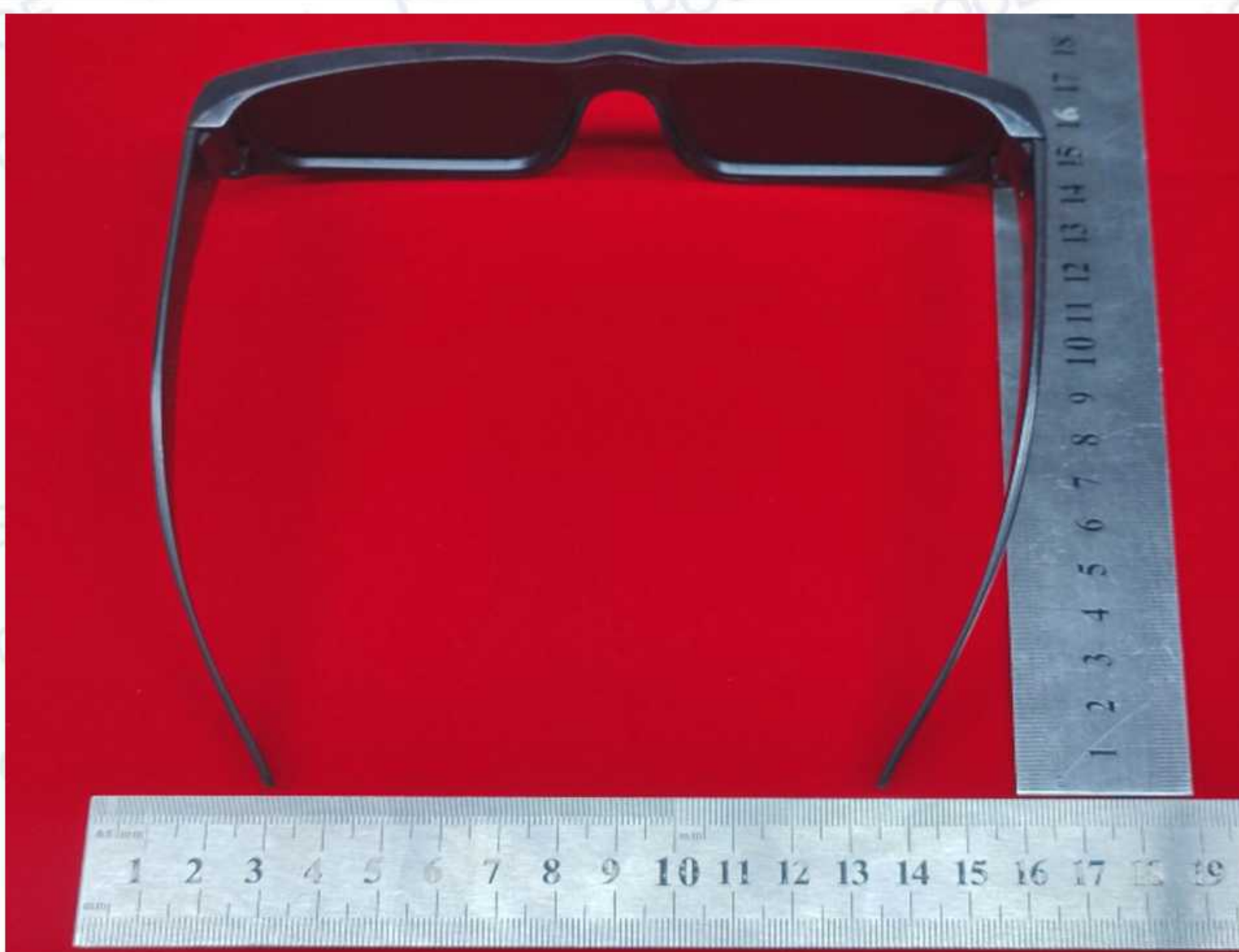
- front
- back
- side
- top
- internal
- bottom



Photo 3

view

- front
- back
- side
- top
- internal
- bottom



***** THE END *****