

Test Report

No. TPZJ20030521947

Date: 2019/03/05

The following sample(s) was/were submitted and identified by the client as:

Applicant	: Riccino (Xiamen) Optical Inc.
Address	: Building 6,7 No.4 Xiangyue Rd, Xiang'an Industril park, Torch Hi-Tech Industrial Development Zone, Xiamen, China 361101
Manufacturer	: Riccino (Xiamen) Optical Inc.
Address	: Building 6,7 No.4 Xiangyue Rd, Xiang'an Industril park, Torch Hi-Tech Industrial Development Zone, Xiamen, China 361101
Sample Description	: Face Shield
Model No.	: RF001
Sample Receiving Date	: Feb. 27,2020
Testing Period	: Feb. 27,2020 to Mar. 05,2020
Testing Performed	: SELECTED TEST(S) AS REQUESTED BY APPLICANT
Test Requested	: BS EN 166:2002 BS EN 168:2002
Test Result(s)	: FOR FUTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)
Conclusion	: THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT

For and on behalf of
Shanghai Global Testing Services Co., Ltd.

Authorized Signature



Shi Lei/Kevin
General Manager - GTS/SHO

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Test Conducted:

Personal eye-protection — Specifications

Test result:

Test Property	Test Method	Test Principle / Requirements	The Result
5. Designation of filters			N/A
6. Design and manufacturing requirements			-
General construction	Clause 6.1	Eye-protectors shall be free from projections, sharp edges or other defects which are likely to cause discomfort or injury during use.	Pass
Materials	Clause 6.2	No parts of the eye-protector which are in contact with the wearer shall be made of materials which are known to cause any skin irritation.	Pass
Headbands	Clause 6.3	Headbands, when used as the principal means of retention, shall be at least 10 mm wide over any portion which may come into contact with the wearer's head. Headbands shall be adjustable or self-adjusting.	Pass
7. Basic, particular and optional requirements			-
Basic requirements	Clause 7.1.1	Field of vision The size of the field of vision is defined in conjunction with the appropriate head-form described in clause 17 of EN 168:2001. Eye-protectors shall exhibit a minimum field of vision defined by the two ellipses in Figure 1 when placed and centered at a distance of 25 mm from the surface of the eyes of the appropriate head-form. The horizontal axis shall be parallel to and 0,7 mm below the height of the line connecting the centres of the two eyes.	Pass
	Clause 7.1.2	Optical requirements	N/A
	Clause 7.1.3	Quality of material and surface Except for a marginal area 5 mm wide, oculars shall be free from any significant defects likely to impair vision in use, such as bubbles, scratches, inclusions, dull spots, pitting, mould marks, scouring, grains, pocking, scaling and undulation.	Pass

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	Clause 7.1.4	Robustness	N/A
	Clause 7.1.5	Resistance to ageing	N/A
	Clause 7.1.6	Resistance to corrosion	N/A
	Clause 7.1.7	Resistance to ignition Eye-protectors shall be tested in accordance with the method specified in clause 7 of EN 168:2001 and shall be considered to be satisfactory if no part of the eye-protector ignites or continues to glow after removal of the steel rod.	Pass
Particular requirements	Clause 7.2	Protection against optical radiation	N/A
Optional requirements	Clause 7.3	Optional requirements are specified for additional characteristics of eye-protectors which may be found to be beneficial to the user for operational reasons.	-
Resistance to fogging of oculars	Clause 7.3.2	If oculars are described as resistant to fogging they shall remain free from fogging for a minimum of 8 s when tested in accordance with clause 16 of EN 168:2001	Pass
Oculars with enhanced reflectance in the infrared	Clause 7.3.3	Oculars which are claimed to have enhanced reflectance in the infrared shall have a mean spectral reflectance greater than 60 % within the wavelength range 780 nm to 2 000 nm when measured in accordance with clause 8 of EN 167:2001.	N/A
Protection against high speed particles at extremes of temperature	Clause 7.3.4	Eye-protectors intended to provide protection against high-speed particles at extremes of temperature shall withstand the impact of a 6 mm nominal diameter steel ball of 0,86 g minimum mass, striking the oculars and the lateral protection at one of the speeds given in Table 7. The impacts are carried out after the eye-protectors have been conditioned at extremes of temperature ((55 ± 2) °C and (-5 ± 2) °C) using the method specified in clause 9 of EN 168:2001.	N/A

*****End of Report*****

Type of equipment, model: Face Shield ,
RF001

Details of:

View:

general

front

rear

right

left

top

bottom



Details of:

View:

general

front

rear

right

left

top

bottom

