

TEST RESULTS

EN ISO 12312-2:2015

Eye and face protection — Sunglasses and related eyewear —Part 2: Filters for direct observation of the sun

Report No. YW20251043

Page 4 of 5

4.1.2 Uniformity of luminous transmittance

Test results of the submitted samples are showed as Table 3.

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).

Table 3. Test results of the uniformity of luminous transmittance

Sample		Uniformity of luminous transmittance	Result (Pass/Fail)
Sample 1-1	R	3.70%	Pass
	L	3.33%	Pass

Result: Pass.

4.2 Material and surface quality

Except in a marginal area 5 mm wide, filters shall be free from defects likely to impair vision in use, such as bubbles, scratches, inclusions, dull spots, pitting, scouring, pocking, scaling, and undulations. Metal coated filter materials shall not exhibit more than one pinhole defect not greater than 200 μm in average diameter within any 5 mm diameter circular zone.

Test samples: 1-1, 1-2, 1-3, 2-1, 2-2, 2-3

Result: Pass.

4.3 Mounting

4.3.1 General

Filters are held securely so that it cannot be dislodged by normal handling or by gusts of wind.

Test samples: 1-1, 2-1

Result: Pass.

4.3.2 Dimensions

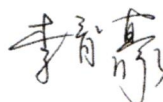
Table 4. Test results of the dimensions

Sample	Overall dimensions		Triangular cut-away area		Result (Pass/Fail)
	Width	Depth	Apical height	Width	
Sample 1-1	143.85 mm	37.47 mm	14.24 mm	28.36 mm	Pass
Sample 2-1	143.87 mm	37.42 mm	14.31 mm	28.32 mm	Pass

Result: Pass.

——See next page——

主管:



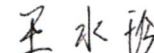
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