SAS VOLCOM

Test report sunglasses acc. to ISO 12312-1:2013/A1:2015 and to ISO 12312-3:2022

Manufacturer: Zhangzhou TONY Optical CO., LTD. SAP number: VE03600202 Lens material: PC Lens colour: GRAY POLAR		Model: MILLI Manufacturer's number: G4186 S10701 596002 Frame material: POLYAMIDE(PA)			
Item	Reduirement	Relevant clause of ISO 12312-1:2013	Result	Pass/Fail	
Construction smoot	oth material without sharp projections	4.1	ОК	Pass	
Filter material and surface quality no ma	naterial or machinig defects	4.2	ОК	Pass	
Physiological compatibility nonha	nazardous materials	4.3	ОК	Pass	
Luminous Transmittance /T _{vis} [%] accord	ording to claimed filter category	5.2, according to table	T _{vis} : L: 10.08% cat: 3	Pass	
UV-absorption accord	ording to claimed filter category	5.2, according to table	400	Pass	
UV 400 solar	r UV up to 400 nm below 0,5 %	5.3.5.2	0.00%	Pass	
Homogenity T _{vis} < 15 %	% rel.	5.3.1	4%	Pass	
Homogenity Tyls within the lens Cat. 0	0.1,2,3 < 10 % 4 < 20 %	5.3.1	L:2.5% R:4.0%	Pass	
Requirements for road use T spe	· _• /•	5.3.2.2 5.3.2.3	OK R:1.37 Y:1.17 G:0.92 B:0.76	Pass	
	> 75 %	5.3.2.4	NOT SUITABLE		
Wide angle scattering [%] < 3 %	%	5.3.3	0.33%	Pass	
Photochromic effect T_{Vo}/T_V	Γ _{V1} ≥ 1,25	5.3.4.1	NONE		
	2.3.4 > 8:1 1 > 4:1	5.3.4.2	NONE		
	± 0,12	L:-0.01 R:0.01			
Astigmatic power [dpt.] astign	jm. ≤ 0,12	6.1	L:0.00 R:0.02	Pass	
Prism imbalance [cm/m] base i	zontal base out ≤ 1,0 e in ≤ 0,25 cal ≤ 0,25	6.3	NONE -0.06 0.00	Pass	
	Iter fracture or filter deformation	7.1	ОК	Pass	
Frame deformation no fra	acture or permanent deformation, filter not detached	7.2	ОК	Pass	
Resistance to solar radiation $\frac{\text{scatter}}{T_{Va}/T_{v}}$	terinq < 3 % f_{vi} ≥ 1.25 V requirements still fullfilled	8	OK OK NONE OK	Pass	
Resistance to ignition no ign	nition or glowing	9	ОК	Pass	
	ellipses covered poral protection for cat.4 glasses	11.1 11.2	OK NONE	Pass	
	equired information added	12.1	ОК	Pass	

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Confirmation:	Manufacturer: Zhang	2(米学时,东利) CO., LTD.		SAS VOLCOM	ł
	Date 2022-04-29	110110001001 UI	Signature 苏、お、慧、	Date	Signature