

Test Report

Applicant : ALLIX Global co., Ltd
Address : B-309, 30, Songdomirae-ro, Yeonsu-gu, Incheon, Korea
Buyer : Self Reference

Submitted Date : 2020. 06. 17
Issue Date : 2020. 07. 23

Sample Description	
Sample Category	Middlewear
Item Name	MB100
Style No.	-
Color	(A) -

Prepared By :
For Intertek Testing Services Korea Ltd.[Korea-TXT]

 

Ami Cho Jade Jang

Checked By :
For Intertek Testing Services Korea Ltd.[Korea-TXT]



Jack Kim
General Manager



Authenticity check

Intertek Testing Services Korea. Ltd.
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Conclusion	
Test Item	(A)
Resistance To Penetration By Synthetic Blood	**
Flammability	**

NOTES :
Pass/ Fail Judgment :
(**) No Comment

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1) Resistance To Penetration By Synthetic Blood (-) ASTM F1862-17

Medical Face Mask Barrier Testing				
Specimen	Pressure	Test Volume (mL)	Visible Penetration of Blood or Wetness	Pass/Fail
1	160 mmHg	2	None	Pass
2	160 mmHg	2	None	Pass
3	160 mmHg	2	None	Pass
4	160 mmHg	2	None	Pass
5	160 mmHg	2	None	Pass
6	160 mmHg	2	None	Pass
7	160 mmHg	2	None	Pass
8	160 mmHg	2	None	Pass
9	160 mmHg	2	None	Pass
10	160 mmHg	2	None	Pass
11	160 mmHg	2	None	Pass
12	160 mmHg	2	None	Pass
13	160 mmHg	2	None	Pass
14	160 mmHg	2	None	Pass
15	160 mmHg	2	None	Pass
16	160 mmHg	2	None	Pass
17	160 mmHg	2	None	Pass
18	160 mmHg	2	None	Pass
19	160 mmHg	2	None	Pass
20	160 mmHg	2	None	Pass
21	160 mmHg	2	None	Pass
22	160 mmHg	2	None	Pass
23	160 mmHg	2	None	Pass
24	160 mmHg	2	None	Pass
25	160 mmHg	2	None	Pass
26	160 mmHg	2	None	Pass
27	160 mmHg	2	None	Pass
28	160 mmHg	2	None	Pass
29	160 mmHg	2	None	Pass
30	160 mmHg	2	None	Pass
31	160 mmHg	2	None	Pass
32	160 mmHg	2	None	Pass

TEST EQUIPMENT INFORMATION

Description	Control Number	Calibration Date	Calibration Due
Conditioning Chamber	308-H252	2/26/2020	2/26/2021
Automated Dispenser	308-H386	VBU	VBU
Ambient Conditions Monitor	308-G183	4/28/2020	4/28/2021
Timer for Dispenser Verification	308-T1515	9/5/2019	9/5/2020

Remark) Specimens conditioned for 4-hours at 21°C and 83-86% RH

Specimens tested at 21-23°C and 55-62% RH

* This test was conducted by Subcontract.

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2) Flammability (-) 16 CFR 1610 : 2008

(A)

Requirement

Plain Surface		Plain Surface	
Preliminary Test (Original)		Preliminary Test (After Refurbishing)	
Burn Direction : Face Width		Burn Direction : N/A	
Length : R2		Length : N/A	
Width : IBE		Width : N/A	
Original		After One Drycleaning / Laundering	
1. IBE		1. N/A	
2. IBE		2. N/A	
3. IBE		3. N/A	
4. IBE		4. N/A	
5. IBE		5. N/A	

Class 1

Classification : (X) Class 1, Normal Flammability
() Class 2, Intermediate Flammability, Raised Surface
() Class 3, Rapid And Intense Burning

EXPLANATION OF FLAMMABILITY RESULTS :

DNI	DID NOT IGNITE.
IBE	IGNITED BUT EXTINGUISHED
BB	BASE BURN
*0.0 SFBB POI	TIME IN SECONDS, SURFACE FLASH BASE BURN POSSIBLY STARTING AT THE POINT OF IMPINGEMENT. THE ASTERISK IS ACCOMPANIED BY THE FOLLOWING : "UNABLE TO MAKE ABSOLUTE DETERMINATION AS TO SOURCE OF BASE BURNS." THIS NOTE IS ADDED TO THE RESULT OF ANY SPECIMEN IF THERE IS A QUESTIONS AS TO ORIGIN OF THE BASE BURNING. IT DOES NOT QUALIFY AS A BASE BURN UNDER THE CURRENT INTERPRETATION OF CFR 1610.
0.0 SF ONLY	TIME IN SECONDS, SURFACE FLASH ONLY. NO DAMAGE TO THE BASE FABRIC.
0.0 SFBB	TIME IN SECONDS, SURFACE FLASH ONLY. BASE STARTS BURNING AT POINTS OTHER THAN THE POINT OF IMPINGEMENT.
0.0 SFBB POI	TIME IN SECONDS, SURFACE FLASH BASE BURN STARTING AT THE POINT OF IMPINGEMENT.
SF PW	SURFACE FLASH, PART WAY. NO TIME SHOWN BECAUSE THE SURFACE FLASH DID NOT REACH THE CORD.
SF UC	SURFACE FLASH UNDER THE CORD, BUT DOES NOT BREAK THE CORD.
SF POI	SURFACE FLASH, AT POINT OF IMPINGEMENT ONLY(EQUIVALENT TO "DID NOT IGNITE" FOR PLAIN SURFACE).
Remark1(R1)	NOT APPLICABLE – BACK SIDE IS NOT CAPABLE OF BEING WORN EXPOSED.
Remark2(R2)	NOT APPLICABLE – SPECIMEN SIZE ISN'T ACCEPTABLE FOR TESTING.
N/A	AFTER DRYCLEANING & LAUNDERING STATE ; NOT APPLICABLE ON DISPOSABLE MASK FOR ONE TIME ONLY

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Sample



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