

TEST REPORT

KOTITI

KOTITI No : 82211509103177-001

Issue No : 2344088846

Receipt Date : 11 / 06 / 2021

Issue Date : 29 / 06 / 2021

Sample Name	SOOMLAB ULTRA MASK(KF94)(LARGE)(WHITE)	Test Object	Research/Reference/Etc
Lot No.	-	MDF/MFG	-
Weight/Volume	-	Expiry Date	-
Company	EG & KOREA CO., LTD.	President	Kim Sun Mi
Address	62-4, Yeonamsan-ro, Eumbong-myeon, Asan-si, Chungcheongnam-do, Republic of Korea	Telephone	82-41-541-9507

Test Item & Test Result

Test Item	Test Standards	Unit	Result	Test Method		
Appearance	White, two-layers nonwoven mask with engraven vertical folding body, a nosepiece and white straps on both side	-	White, two-layers nonwoven mask with engraven vertical folding body, a nosepiece and white straps on both side	Client Method		
Shape test	Main body(width)	125 ± 10	mm	Main body(width)	127	Client Method
	Main body(height)	155 ± 10		Main body(height)	157	
	Headband(left)	165 ± 16		Headband(left)	163	
	Headband(right)	165 ± 16		Headband(right)	161	
Pigment	no color	-	no color	KQC		
acid or alkali	no red color	-	no red color	KQC		
Fluorescent	no fluorescent	-	no fluorescent	KQC		
Formaldehyde	not be darker than potassium chromate	-	not be darker than potassium chromate	KQC		

Researcher : Ayeong Kwon, Junhyeok Choi, Yoonseob Jo, Yeongmin Nam

Technical Manager : Mansik Wang

- ※ The test results above shall be only subject to the requested test items.
- ※ In the case of insufficient space on the page, test items and test results may be written in the appendix.
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Test Item	Test Standards	Unit	Result		Test Method
Filtering efficiency(NaCl)	≥ 94	%	Before pretreatment : 100/100/100 After pretreatment : 100/100/100		MFDS Guideline
Filtering efficiency(Paraffin oil)	≥ 94	%	Before pretreatment : 100/100/100 After pretreatment : 100/100/100		MFDS Guideline
Facial Inhalation resistance	≤ 70	Pa	Before pretreatment : 30/27/28 After pretreatment : 26/30/28		MFDS Guideline
Leak rate	At least 46 of the 50 test results should be less than the reference value (11.0%).	%	Before pretreatment	3.2/5.2/9.3/8.7/6.8 1.6/1.7/3.4/4.1/1.8 5.6/1.4/5/7.4/3.4 9.8/1.2/2/1.2/0.9 3.7/4.1/6.6/7.2/4.4	MFDS Guideline
			After pretreatment	6.6/4.7/7.4/5/2.7 2.5/2.3/11.1/3.8/3.3 1.1/0.9/1/0.4/0.5 8.2/0.9/3.1/3.1/2.3 7.2/8.1/12.8/9.4/6.1	
Tensile strength	≥ 10	N	26		MFDS Guideline

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