

TEST REPORT

KOTITI No : 82211509103922-001 Issue No :5111664467

Receipt Date : 03 / 08 / 2021 Issue Date : 01 / 09 / 2021

Sample Name	SAVEWO 3DMASK Ultra	Test Object	MFDS Authorization
Lot No.	-	MDF/MFG	-
Weight/Volume	-	Expiry Date	-
Company	The Hero Corp CO., LTD	President	Yeong ung Han
Address	8, Oegaeil-ro 21beon-gil, Mohyeon-eup, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea	Telephone	-

Test Item & Test Result

Test Item	Test Standards		Unit	Result		Test Method
Appearance	White, three-layers horizontal folding nonwoven mask with engraven letters, a nosepiece and white straps on both side		-	White, three-layers horizontal folding nonwoven mask with engraven letters, a nosepiece and white straps on both side		Client Method
Shape test	Main body(width) Main body	205 ± 10 149 ± 10	mm	Main body(width) Main body(height)	206 150	Client Method
Snape test	(folded height) Headband(left) Headband(right)	165 ± 16.5		Headband(left) Headband(right)	158 162	Client Method
Pigment	no color			no color		KQC
acid or alkali	no red color		LAR	ESEE no red colorARES		KQC V
Fluorescent	no fluorescent			no fluorescent		KQC
Formaldehyde	not darker than the color of the comparison		<u>-</u>	not darker than the color of the comparison		KQC

Ayeong Kwon, Yoonseob Jo, Yeongmin Researcher: Nam

Technical Manager: Mansik Wang

- X 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.
- When advertising test results or indicating test results on containers or packages, the entire content of the test report shall be indicated.
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	Tes	t Iten	n & Test Res	ult				
Test Item	Test Standards	Unit	Result		Test Method			
Filtering efficiency(NaCl)	≧ 94	%	Before pretreatment : 98/99/99 After pretreatment : 98/99/99		MFDS Guideline			
Filtering efficiency(Paraffin oil)	≧ 94	%	Before pretreatment : 96/96/96 After pretreatment : 96/96/96		MFDS Guideline			
Facial Inhalation resistance	≦ 70	Pa	Before pretreatment : 12/12/12 After pretreatment : 12/12/12		MFDS Guideline			
Leak rate	At least 46 of the 50 test results should be less than the reference value (11.0%).	%	Before pretreatment	0.6/7.6/3.8/4.1/6.8 1/1.2/0.8/3.1/4.6 0.3/0.4/0.2/0.6/0.5 2.2/0.9/2.4/1/0.8 4.4/2.7/1.8/0.5/2.4 1.5/1.3/0.7/0.4/0.7 2.9/3.5/4.8/4.3/4.4	MFDS Guideline			
			After pretreatment	5.7/2.3/6.4/1.4/4.3 0.4/1/1.2/0.5/0.4 1.4/0.6/0.7/0.5/0.3				
Tensile strength	≧ 10	N		48	MFDS Guideline			

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Researcher : Ayeong Kwon, Yoonseob Jo, Yeongmin Nam

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