



TEST REPORT TUCHENG

Date: Jul. 31, 2020 Date of Receipt: Jun. 17, 2020

Report No.: TAF9F465 Quantity: 1PC Page Order/Pages: (P1/2) Ref. No.: NIL

Report Title: MAGICAL FILM ENTERPRISE CO., LTD Item: Filter Media

Address: No. 36, Aly. 378, Sec. 2, Yongxing Rd., Wuqi Dist., Taichung City 435, Taiwan (R.O.C.)

Test Items		Test Results	Test Methods
Air Exchange Pressure (mmH2O/cm <sup>2</sup> )	1	2.3	ASTM F2100-2019 9.2
	2	2.2	EN 14683:2019 Annex C
	3	2.4	
	4	2.4	
	5	2.3	
Flammability (as Received)		DNI	ASTM F2100-2019 9.5 CPSC 16 CFR 1610-2008

Note: Flammability takes 20 sample for testing.

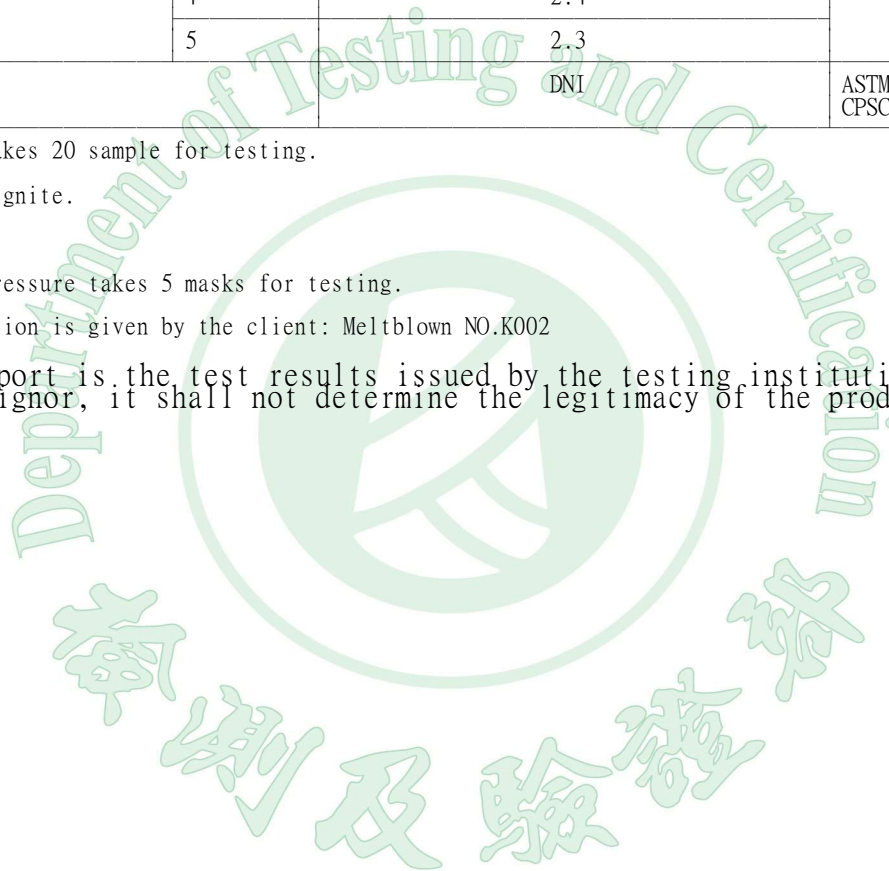
Note: "DNI":Did Not Ignite.

Note: 1mmH2O=9.8Pa.

Note: Air Exchange Pressure takes 5 masks for testing.

Note: Sample description is given by the client: Meltblown NO.K002

Note: The test report is the test results issued by the testing institution as requested by the consignor, it shall not determine the legitimacy of the product.



- Note: 1.This report is only responsible for the submitted sample(s), which will be kept for one month period.
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Authorized by president of  
Taiwan Textile Research Institute

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Test Items		Test Results	Test Methods
Bacterial Filtration	1	99.6	ASTM F2100-2019 9.1
Efficiency (BFE)(%)	2	99.4	ASTM F2101-2019
Staphylococcus aureus	3	99.7	
ATCC 6538	4	99.6	
	5	99.7	

Note: Control average: 2314 CFU.

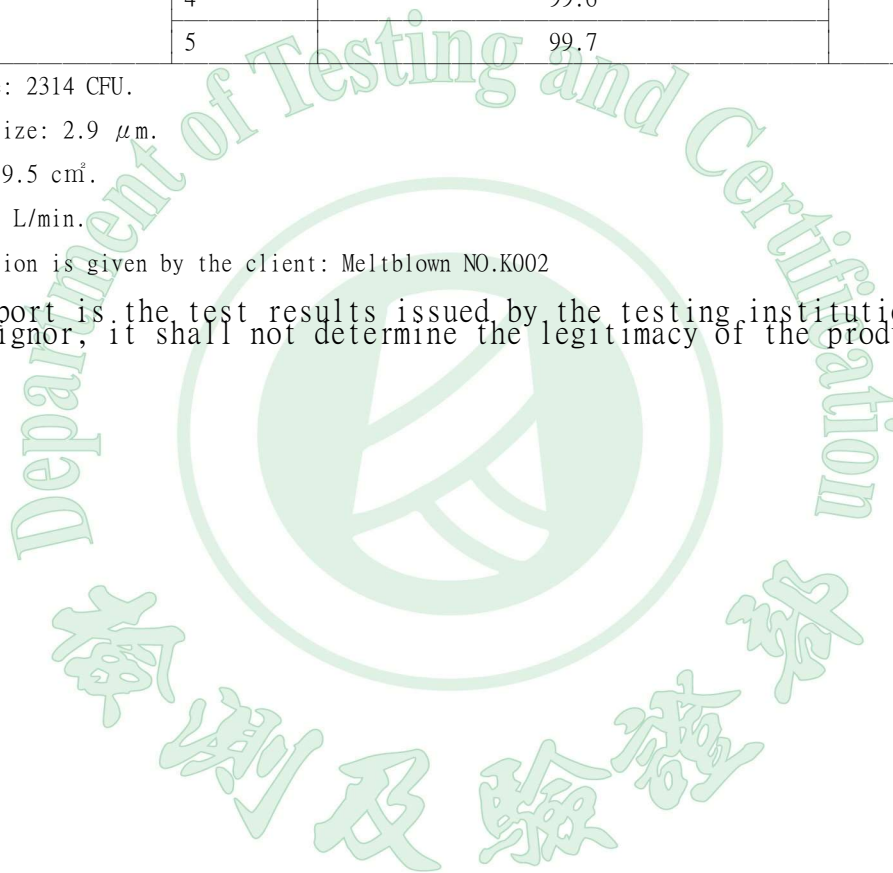
Note: Mean particle size: 2.9 μm.

Note: Testing area: 39.5 cm<sup>2</sup>.

Note: Flow rate: 28.3 L/min.

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