

TEST REPORT



APPLICANT : SHANDONG SHANXIN NON-WOVEN
MATERIAL CO.,LTD

REPORT NO. : S271-20-00234

ITEM : MELT BLOWN CLOTH

SAMPLE RECEIVED DATE : 2020-10-23

TEST STARTED DATE : 2020-10-23

REPORT ISSUED DATE : 2020-11-05

PAGE : 1 OF 3

DESCRIPTION : ONE(1) PIECE(S) OF SUBMITTED CUTTING SAID TO BE MELT BLOWN FABRIC.

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TEST CONDUCTED : AS REQUESTED BY THE APPLICANT, FOR DETAILS PLEASE SEE ATTACHED PAGES.

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PREPARED AND CHECKED BY
FOR FITI



SUNG SIK, KIM
QUALITY MANAGER

AUTHORIZED BY
FOR FITI



JE-GOO JUN
PRESIDENT

※ Report Verification No.: USPH-UUXC-CUXB ※

(You can see the authenticity of your test report through the above "Report Verification No." at FITI homepage.)

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The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI.

01. FILTER PENETRATION (BS EN 143 : 2000, PARAFFIN OIL) : %

	#1
PENETRATION	0.6
EFFICIENCY	99.4

NOTE) TEST EQUIPMENT : FILTER TESTER (Lorenz FMP03)
 AEROSOL TYPE : PARAFFIN OIL
 AEROSOL AVERAGE SIZE : 0.44 μm
 AEROSOL CONCENTRATION : (20 \pm 5) mg/m³
 FLOW RATE : 95 L/min
 TEST NUMBER : 3
 TEST TIME : 30 s
 ONLY ORIGINAL STATE WAS TESTED AS PER APPLICANT'S REQUEST
 EFFICIENCY = 100 - PENETRATION

**02. ACID OR ALKALINE
 (KOREAN QUASI-DRUG CODEX MINISTRY OF FOOD AND DRUG SAFETY NOTICE
 NO. 2020-21(2020.4.2) NON-WOVEN FABRIC)**

	#1
	PHENOLPHTHALEIN FLUID : IT DOES NOT APPEAR RED, METHYL-ORANGE FLUID: IT DOES NOT APPEAR RED

**03. COLORING MATTER
 (KOREAN QUASI-DRUG CODEX MINISTRY OF FOOD AND DRUG SAFETY NOTICE
 NO. 2020-21(2020.4.2) NON-WOVEN FABRIC)**

	#1
	THE FILTERED LIQUID DOSE NOT SHOW COLOR

**04. FLUORESCENCE
 (KOREAN QUASI-DRUG CODEX MINISTRY OF FOOD AND DRUG SAFETY NOTICE
 NO. 2020-21(2020.4.2) NON-WOVEN FABRIC)**

	#1
	NO FLUORESCENCE DETECTED

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05. PRESSURE LOSS (BS EN 143 : 2000) : mmH₂O

	#1
CONDITION 1	3.0
CONDITION 2	9.2

NOTE) TEST EQUIPMENT : FILTER TESTER (LORENZ FMP03)
 AEROSOL TYPE : PARAFFIN OIL
 AEROSOL AVERAGE SIZE : 0.44 μm
 AEROSOL CONCENTRATION : (20 ± 5) mg/m³
 TEST TIME : 30 s
 CONDITION 1 : FLOW RATE : 30 L/min
 CONDITION 2 : FLOW RATE : 95 L/min
 ONLY ORIGINAL STATE WAS TESTED AS PER APPLICANT'S REQUEST.

06. FORMALDEHYDE (KOREAN QUASI-DRUG CODEX MINISTRY OF FOOD AND DRUG SAFETY NOTICE NO. 2020-21(2020.4.2) NON-WOVEN FABRIC)

	#1
	THE TEST SOLUTION IS NOT BE DARKER THAN THE COLOR INDICATED AS THE COMPARATIVE SOLUTION

**** End of The Report ****



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