

TEST REPORT



APPLICANT : YEAIN CO. LTD.,

REPORT NO. : H241-19-05781

SAMPLE RECEIVED DATE : 2019-08-28

TEST STARTED DATE : 2019-08-28

REPORT ISSUED DATE : 2019-09-03

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DESCRIPTION : ONE(1) PIECE OF SUBMITTED SAMPLE SAID TO BE GARMENT.

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ITEM : PP COVERALL

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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.: RVWI-2XPR-1YGJ ※

(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. This test report is irrelevant to KS Q ISO/IEC 17025 and KOLAS accreditation.

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01. THE RESISTANCE TO SOLVENT (KS K ISO 6530 : 2005) : %

	#1
WATER	94.9
95 % SULFURIC ACID	92.3
35 % HCl	94.8

NOTE) THE AMOUNT OF SOLVENT : 10 mL

TEMPERATURE : (20 ± 2) °C

RESISTANCE TO SOLVENT (FOR THE INDEX OF REPELLENCY) (%)

= (IS THE MASS, EXPRESSED IN GRAMS, OF TEST LIQUID COLLECTED IN THE BEAKER / IS THE MASS, EXPRESSED IN GRAMS, OF TEST LIQUID DISCHARGED ONTO THE TEST SPECIMEN) X 100

02. ASH CONTENT (KS K 0215 : 2012) : %

	#1
	8.39

03. TENSILE STRENGTH (KS K 0521 : 2017, C.R.E., STRIP METHOD) : N/50 mm

	#1
LENGTH	72
WIDTH	57

NOTE) GAUGE LENGTH : 100 mm

TEST SPEED : 100 mm/min

THIS STANDARD TEST METHOD WAS APPLIED BY THE CLIENT'S REQUEST.

04. AIR PERMEABILITY (KS K 0570 : 2006) : mm/s (cm³/cm²/s)

	#1
	1 830 (183.0)

NOTE) TEST AREA : 20 cm²

APPLIED PRESSURE : 100 Pa

THIS STANDARD TEST METHOD WAS APPLIED BY THE CLIENT'S REQUEST.

THE PRACTICAL UNIT cm³/cm²/s WAS EXPRESSED TOGETHER WITH mm/s BY CLIENT'S REQUEST.

THE CONVERSION FACTOR FOR mm/s FROM cm³/cm²/s UNIT IS 10

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05. WATER RESISTANCE (MODIFIED FS 191A-5514 : 1978, HYDROSTATIC PRESSURE) : mmH₂O

	#1
INDIVIDUAL VALUE	135 130 125 120 140
MEAN VALUE	130

NOTE) THE TEMPERATURE OF THE WATER : 20 °C

THE WATER PRESSURE WAS APPLIED FROM BELOW THE TEST SPECIMEN

THE SIDE OF THE FABRIC WAS TESTED : FACE SIDE

THE RATE OF INCREASE OF WATER PRESSURE : 600 mmH₂O/min

UPON THE CLIENT'S REQUEST, ALL INDIVIDUAL DATA OF EACH PART WERE ISSUED.

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



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