

TEST REPORT

REPORT NO. T2024-00513

136, GUKCHAEBOSANG-RO, SEO-GU, DAEGU, KOREA T.+82-53-560-6640, F.+82-53-560-6649

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1.		

O COMPANY:

O ADDRESS : Republic of Korea

2. DATE OF TEST: 2024, 04, 11 ~ 2024, 04, 30

3. REPORT ISSUANCE DATE: 2024. 04. 30

4. USE OF TEST REPORT : Quality Management

5. LOCATION OF TEST: Stationary laboratory

6. ITEM / SAMPLE NAME: woven fabric / 1. ESD Fabric 1/2 Twill stripe, 2. ESD Fabric 1/2 Twill check, 3. ESD Fabric 2/3 Twill stripe, 4. ESD Fabric 2/3 Twill check>

7. TEST RESULTS: Next Page

TESTED BY Kim Man Sung (SIGNATURE)

TECHNICAL MANAGER Kim Jung Wan (SIGNATURE)

※ Report Verification No: 2024-19917159148 ※

Korea Textile Development Institute



PRESIDENT

3-1-

¹⁾ The test results contained in this report are limited to results on the sample(s) that is provided by client and the sample name is marked with the client's request.

²⁾ This test report shall not be used for public relation, advertisement, lawsuit and any other purposes outside the scope of its defined usage.

³⁾ This test report is irrelevant to KS Q ISO/IEC 17025 and KOLAS Accreditation. Report Verification No :



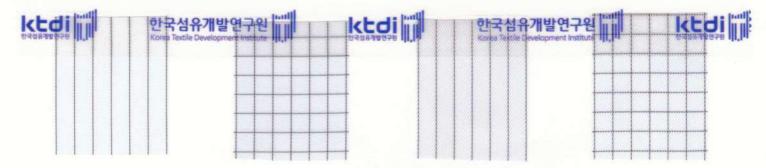
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TEST AND METHOD	SAMPLE 1	SAMPLE 2		SAMPLE 3	SAMPLE 4
Tensile Strength (kgf)					
ASTM D5034-21 (Grab method	l(10×7.5cm))				
	100	100		110	110
	69	77		81	78
Tearing Strength					
ASTM D1424 - 2021 (Pendulun	n(Elmendorf))				
warp(N)	30	28		34	35
weft(N)	21	21		24	21
Air Permeability (cm²/cm²/min)					
ASTM D737 - 18 (Frazier metho	od)				
	294.8	239.2		90.3	105.7
	Comments) Test area : 38 cm²				
Electrostatic propensity (V)					
KS K 0555:2021					
Cotton Cloth	44	19		17	11
	Comments) Method B, This is the	result of a commissioned te	st conduc	ted by the FITI	
Decay half life (s)					
KS K 0555:2021					
	2.4	2.9		3.8	4.0
	Comments) Method A, This is the	result of a commissioned te	st conduc	ted by the FITI	
Surface resistivity (Ω)					
IEC 61340-4-1:2003					
warp	2.99 × 10^6	7.53×10^{5}		1.31×10^6	7.04×10^{5}
weft	4.51×10^{7}	8.63 × 10^5		2.87 × 10^6	8.07×10^{5}
	Comments) Test condition : (20 ±	: 2) °C, (40 ± 2) % R.H.			
SAMPLE 1	SAMPLE 2	SA	SAMPLE 3		SAMPLE 4



- END OF THE REPORT -

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