



TEST REPORT

REPORT NO.
T2024-00513

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

PAGE 1 / 2

1. CLIENT

- ☐ COMPANY : 
☐ ADDRESS : 29-11, Munmyeong 11-gil, Gyeongsang, Gumi-si, Gyeongsangbuk-do, 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



TEST REPORT

REPORT NO.
T2024-00513

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

PAGE 2 / 2

TEST AND METHOD	SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4
Tensile Strength (kgf)				
ASTM D5034-21 (Grab method(10×7.5cm))				
	100	100	110	110
	69	77	81	78
Tearing Strength				
ASTM D1424 - 2021 (Pendulum(Elmendorf))				
warp(N)	30	28	34	35
weft(N)	21	21	24	21
Air Permeability (cm³/cm²/min)				
ASTM D737 - 18 (Frazier method)				
	294.8	239.2	90.3	105.7
Comments) Test area : 38 cm ²				
Electrostatic propensity (V)				
KS K 0555:2021				
Cotton Cloth	44	19	17	11
Comments) Method B, This is the result of a commissioned test conducted by the FTI				
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 test conducted by the FTI				
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

SAMPLE 3

SAMPLE 4



- END OF THE REPORT -