

TEST REPORT

16-028641

RECEIVED DATE	20-08-2026
TEST DATE	27-08-2026
REPORT DATE	27-08-2026

SAMPLE DETAILS

DESCRIPTION	WOVEN FABRIC	REFERENCE / PO	SAMPLE # 4
TYPE	FABRIC	COUNTRY OF ORIGIN	/
COLOR	SUMO BLACK	MANUFACTURED BY	/
STYLE NO.	/	CARE INSTRUCTIONS	
SUBMITTED COMPOSITION	/		
ACTUAL COMPOSITION	/		
QUALITY	/		



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SAMPLE DESCRIPTION WOVEN FABRIC
SAMPLE ID SID/0826/028641

1 - LINEAR DENSITY OF YARN BY SHORT LENGTH METHOD

ASTM D 1059 : 2022

	WARP	WEFT		
COUNT OF YARN	7.44/5	7.42/5		
CONDITIONS:	TEMPERATURE °C:	20.9	R. HUMIDITY%	64.2

2 - CONSTRUCTION OF WOVEN FABRICS

ASTM D3775 : 2023

	MEAN VALUE			
ENDS/INCH	29			
PICKS/INCH	18			
CONDITIONS:	TEMPERATURE °C:	20.9	R. HUMIDITY%	64.2

3 - FABRIC WEIGHT

ASTM D3776 : 2020

MEAN GSM (G/M2)	778.6			
CONDITIONS:	TEMPERATURE °C:	20.9	R. HUMIDITY %:	64.3

4 - TENSILE STRENGTH GRAB METHOD

ASTM D5034 : 2021

	MEAN VALUE			
WARP (LBs)	393			
WARP ELONGATION %	35.72			
WEFT (LBs)	265			
WEFT ELONGATION %	14.93			
CONDITIONS:	TEMPERATURE °C:	20.5	R. HUMIDITY %:	63.4

5 - TEAR STRENGTH ELMENDORF METHOD

ASTM D1424 : 2021

	MEAN STRENGTH			
WARP (LBs)	22.60			
WEFT (LBs)	13.78			
CONDITIONS:	TEMPERATURE °C:	20.6	R. HUMIDITY %:	63.3

6 - COLORFASTNESS TO CROCKING

AATCC 08 : 2022

	G.S RATING			
WET RUBBING	3			
DRY RUBBING	4-5			
CONDITIONS:	TEMPERATURE °C:	20.4	R. HUMIDITY %:	64.1

7 - DIMENSIONAL STABILITY OF TEXTILES

AATCC 135 : 2018

	SHRINKAGE (%)			
WARP/LENGTH	-2.31			
WEFT/WIDTH	-0.57			
CONDITIONS:	WASHING CYCLE:	NORMAL	DRYING METHOD:	TUMBLE DRY
	WASH TEMPERATURE °C:	50		

8 - COLOR FASTNESS TO WASHING

AATCC 61 : 2020

	G.S RATING
SHADE CHANGE	4
STAINING ON ACETATE	3-4
STAINING ON COTTON	2
STAINING ON NYLON	3
STAINING ON POLYESTER	4-5
STAINING ON ACRYLIC	3-4
STAINING ON WOOL	4

9 - FIBER ANALYSIS: QUANTITATIVE (2)

AATCC 20A : 2021

COTTON%	100		
POLYESTER%	0.00		
CONDITIONS:	TEMPERATURE °C:	20.4	R. HUMIDITY %: 64.0

END OF REPORT



DQM/QM

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COMPLAINTS & FEEDBACKS

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