LABORATORY TEST CERTIFICATE

Test Date : 10.08.2019

GENERAL INFORMATION			TECHNICAL DETAILS			
Quality Name	**MEMPHIS (WOVEN BACKING)**		Composition	**%100 PES**		
Design Name			Weight (gsm)		EN 12127	**460**
Design Code			Fabric Width (cm ±2)		EN 1773	**137**
Pattern Report Size (cm)			Weft Counts			
Pattern Report Width (cm)			Warp Counts			

☐ **Pile fabric**	☐ **Woven Fabric**	[X] **Knitted Fabric**

Laboratory Conditions Sample is kept 18 hour under below conditions, humidity (65 ±%5), tempature (20 ±2)°C

Test Standart Fabric test are done according to TS 11818 EN 14465 standarts

	Test name	Test Method	Results
ABRASION TESTS	Martindale 5.000 cyc. colour change	ISO 12947-2	
	Martindale 10.000 cyc. image change	ISO 12947-2	
	Martindale Pile Loss	ISO 12947-2	
	Martindale Yarn Break	ISO 12947-2	**100000**
	Pilling	ASTM D3512	**3,5**
	Wyzenbeek	ASTM D4157	**100000**
	Brush Pilling	D3511-99A	

	Test name	Test Method	Warp	Filling
PHYSICAL TESTS	Seam Slippage	ASTM D4034	**80,6**	**97,4**
	Tear Strength	ISO 13937-3		
	Tensile Strength	ASTM D5043	**105,7**	**74,7**
	Bursting Strength	ISO 13938-2		
	Determiantion of Coating Adhesio N	ISO 2411		
	Air Permeability	ISO 9237		

	Test name		Test Method	Results
COLOUR FASTNESS TO	Rubbing	Dry	ISO 105-X12	**≥4**
		Wet		**≥4**
	Light		ISO 105-B02	**≥5**
	Water Spotting		ISO 105-E16	**≥4**
	Washing		ISO 105-C06	**≥4**
	Hot Pressing		ISO 105-X11	
	Water		ISO 105-E07	
	Perspiration		ISO 105-E04	
	Artifical Weathering		ISO 105-B04	
	Phenolic Yellowing		ISO 105-X18	
EASY CARE	Oil Repellency (oil drop method)		AATCC 118	
			ISO 14419	
	Water Repellency (ipa test)		AATCC 193	
	Spray Test		ISO 4920	
	Antibacterial Test		ASTM E2149-13	

	Test name	Test Method	Results
FLAMMABILITY TESTS	Cigarette Test	BS 5852	
	Match Test	BS 5852	
	Crıp 5	BS 5852	
	Cigarette Test	EN 1021-1	
	Match Test	EN 1021-2	
	Cigarette-Match Test	BS 7176 low	
	Cigarette-Match Crip 5 Test	BS 7176 medıum	
	Cigarette-Match Test	IMO PART 8	
	Cigarette Test	TB117-2013	**PASS**
	Cigarette Test	NFPA 260	
	M Test	NFP 92 5XX (M1)	
	M Test	NFP 92 5XX (M2)	
	M Test	NFP 92 5XX (M3)	
	B Test	DIN 4102 (B1)	
	B Test	DIN 4102 (B2)	

		Acetate	Cotton	Nylon	Polyester	Acrylic	Wool
Colour Fastness To Water	ISO 105-E01	≥4	≥4	≥4	≥4	≥4	≥4

CLEAN CODE: W

		Warp	Weft
Dimensional Stability After Washing	ISO 5077	±%2	±%2

CARE INTSRUCTIONS

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