JÓŹWIAK
POZNAŃ

TECHNICAL DATA SHEET
BRATHAY / SCARPA FLOW

Modified on: 2017-11-28
Created on: 2017-11-27
Report number: JC17101419624
JC17112422880

FABRIC DETAILS			
Composition:	Polyester / Viscose 70% / 30%		
Weight g/m:	300 g/m	Width:	150 cm
Weight g/m^2:	200 g/m2	Usable width:	147 cm
Weave:	Twill	Density:	91*95
	WARP		WEFT
Yarn count:	40S/2		32S/1

COLOUR FASTNESS		REFERENCE	COLOR CHANGE	STAIN					
				A	C	N	P	AC	W
To washing:		ISO 105- C06 : 2010	4-5	4-5	4-5	4-5	4-5	4-5	4-5
To dry cleaning:		ISO 105-D01 : 2010	4-5	4-5	4-5	4-5	4-5	4-5	4-5
To perspiration:	Acid	ISO 105-E04 : 2013	4-5	4-5	4-5	4-5	4-5	4-5	4-5
	Alcalic	ISO 105-E04 : 2013	4-5	4-5	4-5	4-5	4-5	4-5	4-5
				WARP			WEFT		
To dry rubbing:		ISO 105-X12 : 2016		4-5			4-5		
To wet rubbing:		ISO 105-X12 : 2016		3-4			3-4		
			COLOUR CHANGE AT ONCE	COLOUR CHANGE AFTER 4 HOURS			STAINING ON COTTON ADJACENT		
To hot pressing	Dry	ISO 105-X11 : 1994	4-5	4-5					
	Damp	ISO 105-X11 : 1994	4-5	4-5			4-5		
	Wet	ISO 105-X11 : 1994	4-5	4-5			4-5		
To non-chlorine bleach:		AATCC TS-001, Liquid Clorox2	4.5						
To light:		ISO 105-B02 : 2014	above 4						

A - acetate C - cotton N - nylon P - polyester AC - acrylic W - wool

CARE INSTRUCTION		REFERENCE	COLOR	PILING	DEFECTS	CONCLUSION
Appearance after washing:	After one wash	ISO 6330:2012	4-5	4-5	No defects	General appearance satisfactory
	After three washes	ISO 6330:2012	4-5	4-5	No defects	General appearance satisfactory
Appearance after dry cleaning:		ISO 3175-2:2010	4-5	4-5	No defects	General appearance satisfactory
Care pictograms:						

PACKING			
Roll lenght:	50 m	Wrapping:	Carton tubes inside, polybags & woven bags outside; each packing layer labelled

HS customs code:	5515119000

JÓŹWIAK S.C.
Narcyzowa 24, PL-60175 Poznań, Wielkopolskie, Polska
VAT: PL7792295976 / REGON: 300419818
T: +48 61 867 75 14 / F: +48 61 867 80 65
jozwiak@jozwiak.eu / www.jozwiak.eu

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PHYSICAL PROPERTIES		REFERENCE	WARP						WEFT
Seam slippage:	Seam opening at 6mm	ISO 13936-1:2004	X						X
	Seam strenght	ISO 13936-1:2004	> 200 N (STB)						> 200 N (STB)
Dimensional stability to washing:		ISO 3758:2011/ISO 5077:2007/ISO 6330:2012	-0,6%						-0,7%
Dimensional stability to dry cleaning:		ISO 3175-2:2010	-0,7%						-0,5%
Dimensional stability to steam:		ISO 3005:1978	-1,9%						-0,5%
Tear strenght:		ISO 13937-2:2000	45 N						37 N
Tensile strenght:		ISO 13934-2:2014	640 N						450 N
Elongation:		ISO 13934-2:2014	27 %						30,5 %
			CYCLES						
			125	500	1000	2000	5000	7000	10800
Pilling:		ISO 12945-2:2000	4-5	4-5	4-5	4-5	4-5	4	
			Elongation	UN (1min)	UN (30min)	RE (1min)	RE (30min)		
Stretch properties:	Warp								
	Weft	EN 14704-1: 2005							
	Length - specified load								
	Width - specified load								
	Length - specified elongation								
	Width - specified elongation								
Spirality:	After drycleaning	ISO 3175-2:2010	0%						
	After laundering	ISO 16322-2:2005	0%						
Abrasion resistance:		ISO 12947-2:2016	>30000						

FB - Fabric Borken STB - Sewing Thread Broken FBS - Fabric Broken at Seam YPO - Yarn Pull Out UN - Unrecovered Elongation RE - Recovered Elongation
X - The Seam Opening was less than 6mm, though the ultimate steam strenght was founded as stated Cross Tear - means the force does not proceed along the direction of force

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