JÓŹWIAK
POZNAŃ

TECHNICAL DATA SHEET
SURA

Modified on: 2017-11-10
Created on: 2017-11-10
Report number: JC17102820741

FABRIC DETAILS			
Composition:	Wool / Polyester 30 % / 70 %		
Weight g/m:	319 g/m	Width:	145 cm
Weight g/m²:	220 g/m2	Usable width:	143 cm
Weave:	Jacquard	Density:	226*106
	WARP	WEFT	
Yarn count:	-	-	

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			4		
To wet rubbing:		ISO 105-X12:2016		3			3		
			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	4,5						
To light:		ISO 105-B02:2014	3-4						

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:	5209490000

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PHYSICAL PROPERTIES		REFERENCE	WARP	WEFT
Seam slippage:	Seam opening at 6mm	ISO 13936-1:2004	> 200 N	X
	Seam strenght	ISO 13936-1:2004	>200 N (FBS)	>200 N (FBS)
Dimensional stability to washing:		ISO 3758:2011/ISO 5077:2007/ISO 6330:2012	-2,9 %	-1,3 %
Dimensional stability to dry cleaning:		ISO 3175-2:2010	-0,8 %	-0,2 %
Dimensional stability to steam:		ISO 3005:1978	Negligible	-0,4 %
Tear strenght:		ISO 13937-2:2000	56 N	Cross Tear
Tensile strenght:		ISO 13934-2:2014	420 N	360 N
Elongation:		ISO 13934-2:2014	12,2 %	37,4 %

			CYCLES						
			125	500	1000	2000	5000	7000	10800
Pilling:		ISO 12945-2:2000	4-5	4	4	4	4	4	-

			Elongation	UN (1min)	UN (30min)	RE (1min)	RE (30min)
Stretch properties:	Warp	EN14704-1:2005	-	-	-	-	-
	Weft	EN14704-1:2005	11,5 %	2,2 %	1,5 %	97,8 %	98,5 %
	Length - specified load	EN14704-1:2005	-	-	-	-	-
	Width - specified load	EN14704-1:2005	-	-	-	-	-
	Length - specified elongation	EN14704-1:2005		-	-	-	-
	Width - specified elongation	EN14704-1:2005		-	-	-	-
Spirality:	After drycleaning	ISO 3175-2:2010	0,0 %				
	After laundering	ISO 16322-2:2005	0,0 %				
Abrasion resistance:		ISO 12947-2:2016	> 30000 Cycles				

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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