

Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	1 P111	2 P02	3 P35	4 P03	5 P34	6 P003T
	Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	4	>4	>4	3-4
Washing and Laundering (Grade)		JIS L 0844 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
			staining	5 5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5
Perspiration (Grade)		JIS L 0848	acid	change in colour	4-5	4-5	4-5	4-5	4-5
			alkali	change in colour	4-5	4-5	4-5	4-5	4-5
Rubbing (Grade)		JIS L 0849 Type II	dry	5	4-5	4-5	4-5	4-5	4-5
			wet	5	4-5	4-5	4-5	4-5	4-5
Water (Grade)		JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
			staining	5 5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5
Dry cleaning (Grade)		JIS L 0860 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
	staining		5	4-5	4-5	4-5	4-5	4-5	
Bleeding (Grade)	DAIMARU Method I	staining	4-5	4-5	4-5	4-5	4-5	4-5	

Colour Fastness	Test Items	Methods of Testing	Colour No.	7 P007T	8 P009T	9 P999	10 P20	11 P29	12 P26
	Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>4	>4	>4	3	>4
Washing and Laundering (Grade)		JIS L 0844 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
			staining	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5
Perspiration (Grade)		JIS L 0848	acid	change in colour	4-5	4-5	4-5	4-5	4-5
			alkali	change in colour	4-5	4-5	4-5	4-5	4-5
Rubbing (Grade)		JIS L 0849 Type II	dry	4-5	4-5	4-5	4-5	4-5	4-5
			wet	4-5	4-5	3-4	4-5	4-5	4-5
Water (Grade)		JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
			staining	4-5 4-5	4-5 4-5	4-5 4	4-5 4-5	4-5 4-5	4-5 4-5
Dry cleaning (Grade)		JIS L 0860 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
	staining		4-5	4-5	4-5	4-5	4-5	4-5	
Bleeding (Grade)	DAIMARU Method I	staining	4-5	4-5	4-5	4-5	4-5	4-5	

Applicant	MONTELUCE/MARUYASU Corporation
	OKUBO
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan
	TEL: +81-3-3633-5561 FAX: +81-3-3633-5531
Article	1/16 PUFF II
	36 Pieces
	WOOL 80% NYLON 20%

Laboratory	THE JAPAN COTTON & STAPLE FIBER FABRIC INSPECTING INSTITUTE FOUNDATION	
	1-10-5, Komagome, Toshima-ku, Tokyo, Japan	
	TEL 03-3943-3174 FAX 03-3943-3183	
	Date	2022/9/16
	Test No.	TO-2207288-2-1/3
	Inspection House	Tokyo Test Center
	Inspector	S. Sato
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

1 off white	2 l. camel	3 khaki	4 camel	5 grege	6 S gray
7 gr	8 charcoal	9 ck	10 silver	11 blue	12 cyan

ME	Quantitative analysis of fibre mixtures (%)
JIS L 1030-2	

Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	13 P17	14 P32	15 P30	16 P10	17 P25	18 P31		
	Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	>4	>4	4	>4	>4	
Washing and Laundering (Grade)		JIS L 0844 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5		
			staining	4-5	4-5	4-5	4-5	4-5	4-5		
			solution staining	4-5	4-5	4-5	4-5	4-5	4		
Perspiration (Grade)		JIS L 0848	acid	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	
				staining	4-5	4-5	4-5	4	4-5	4-5	4
			alkali	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	4-5
				staining	4	4-5	4-5	4	4-5	4-5	3-4
Rubbing (Grade)		JIS L 0849 Type II	dry	4-5	4-5	4-5	4-5	4-5	4-5	4	
			wet	4-5	3-4	4	4-5	4	3-4		
Water (Grade)	JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	4-5		
		staining	4-5	4-5	4-5	4	4-5	4-5	4-5	3	
Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	4-5		
		staining	4-5	4-5	4-5	4-5	4-5	4	4-5		
		solution staining	4-5	4-5	4-5	4-5	4-5	4-5	4-5		
Bleeding (Grade)	DAIMARU Method I	staining									

Colour Fastness	Test Items	Methods of Testing	Colour No.	19 P21	20 P27	21 P22	22 P18	23 P33	24 P19		
	Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>4	>4	>4	>4	>4	4	
Washing and Laundering (Grade)		JIS L 0844 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	4-5	
			staining	4-5	4-5	4-5	4-5	4-5	4-5	4-5	
			solution staining	4-5	4-5	4-5	4-5	4-5	4-5	4-5	
Perspiration (Grade)		JIS L 0848	acid	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	
				staining	4-5	4-5	4-5	4-5	4-5	4-5	4-5
			alkali	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	4-5
				staining	4-5	4-5	3-4	4-5	3-4	4-5	4-5
Rubbing (Grade)		JIS L 0849 Type II	dry	4-5	4-5	4-5	4-5	4	4-5		
			wet	4-5	4-5	4-5	4-5	4-5	4-5		
Water (Grade)	JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5	4-5			
		staining	4-5	4-5	4-5	4-5	4	4-5	4-5		
Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5			
		staining	4-5	4-5	4-5	4-5	4	4-5			
		solution staining	4-5	4-5	4-5	4-5	4-5	4-5			
Bleeding (Grade)	DAIMARU Method I	staining									

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Article	1/16 PUFF II	
	36 Pieces	
WOOL 80%		
NYLON 20%		

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	1-10-5, Komagome, Toshima-ku, Tokyo, Japan	
	TEL 03-3943-3174	
	FAX 03-3943-3183	
	Date	2022/9/16
	Test No.	TO-2207288-2-2/3
	Inspection House	Tokyo Test Center
Inspector	<i>S. Sato</i>	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	13 mauve	14 navy	15 black navy	16 orange	17 carmine	18 red
	19 lemon	20 lime	21 leaf	22 green	23 D green	24 khaki

Quantitative analysis of fibre mixtures (%)	
JIS L 1030-2	

Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	25 P08	26 P09	27 P04	28 P12	29 P23	30 P28	
	Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>4	4	>4	3-4	3-4	>4
Washing and Laundering (Grade)		JIS L 0844 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	
			staining	4-5	4-5	4-5	4-5	4-5	4-5	
			solution staining	4-5	4-5	4-5	4-5	4-5	4	
Perspiration (Grade)		JIS L 0848	acid	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
				staining	4-5	4-5	4-5	4-5	4-5	4
			alkali	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
				staining	4-5	4-5	4-5	4-5	4-5	4
Rubbing (Grade)		JIS L 0849 Type II	dry	4-5	4-5	4-5	4-5	4-5	4-5	
			wet	4-5	4-5	4-5	4-5	4-5	4-5	
Water (Grade)	JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5	4-5		
		staining	4-5	4-5	4-5	4-5	4-5	4-5		
Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5		
		staining	4-5	4-5	4-5	4-5	4-5	4		
		solution staining	4-5	4-5	4-5	4-5	4-5	4-5		
Bleeding (Grade)	DAIMARU Method I	staining								

Colour Fastness	Test Items	Methods of Testing	Colour No.	31 P24	32 P16	33 P15	34 P05	35 P06	36 P36	
	Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	>4	>4	>4	>4	>4
Washing and Laundering (Grade)		JIS L 0844 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	
			staining	4-5	4-5	4-5	4-5	4-5	4-5	
			solution staining	3-4	4	4-5	4-5	4-5	4-5	
Perspiration (Grade)		JIS L 0848	acid	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
				staining	4-5	3-4	4-5	4	4-5	4-5
			alkali	change in colour	4-5	4-5	4-5	4-5	4-5	4-5
				staining	3	(2-3)	4-5	3-4	4	(2-3)
Rubbing (Grade)		JIS L 0849 Type II	dry	4-5	4-5	4-5	4-5	4-5	4-5	
			wet	4-5	3-4	4-5	4-5	3-4	4-5	
Water (Grade)	JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5	4-5		
		staining	4-5	4-5	4-5	4-5	4-5	4-5		
Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5		
		staining	3-4	4-5	4	4-5	4	4-5		
		solution staining	4-5	4-5	4-5	4-5	4-5	4-5		
Bleeding (Grade)	DAIMARU Method I	staining								

() Standard Unattained

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Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	25 yellow	26 mustard	27 terra cotta	28 skin pink	29 magenta	30 pink
	31 cherry	32 burgundy	33 D purple	34 brown	35 brown	36 gray brown

Quantitative analysis of fibre mixtures (%)	
JIS L 1030-2	