

Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	1 BB33	2 RW	3 BB9	4 BB57	5 BB22	6 BB2	
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	3-4*	>4	>4	4	4	>4
	Washing and Laundering (Grade)	JIS L 0844 Method A-1	change in colour	4	4-5	4	4-5	4-5	4-5	
			staining	5	5	5	5	4-5	4-5	4-5
	Perspiration (Grade)	JIS L 0848	acid	change in colour	4	4-5	4	4-5	4-5	
				staining	5	5	5	5	4-5	4-5
			alkali	change in colour	4	4-5	4-5	4-5	4-5	4-5
				staining	5	5	5	5	4-5	4-5
	Rubbing (Grade)	JIS L 0849 Type II	dry	5	5	4-5	4-5	4-5		
			wet	4-5	5	4-5	3-4	3-4		
	Water (Grade)	JIS L 0846	change in colour	4	4-5	4-5	4-5	4-5		
			staining	5	5	4-5	4-5	4	4-5	
	Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour	4	4-5	4-5	4-5	4-5		
			staining	5	5	4-5	4-5	4-5		
			solution staining	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.	7 BB3	8 BB50	9 BB7	10 BB47	11 BB55	12 BB19	
		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	4-5	
	Perspiration (Grade)	JIS L 0848	acid	change in colour	4-5	4-5	4-5	4-5	4-5	
				staining	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
				staining	4-5	4-5	4-5	4-5	4-5	4-5
	Rubbing (Grade)	JIS L 0849 Type II	dry	4	4-5	4	4-5	4-5		
			wet	3	3	3	4-5	4		
	Water (Grade)	JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5		
			staining	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		
			staining	4-5	4-5	4-5	4-5	4-5		
			solution staining	4-5	4-5	4-5	4-5	4-5		
	Bleeding (Grade)	DAIMARU Method I	staining							

* Fluorescent yellowing

Applicant	MONTELUCE/MARUYASU Corporation
	OKUBO
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan
	TEL: +81-3-3633-5561 FAX: +81-3-3633-5531
Article	2/48 BOND48 2/60 BOND60
	36 Pieces
	WOOL 100%

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	2022/9/21
	Test No.	TO-2207372-2-1/3
	Inspection House	Tokyo Test Center
	Inspector	<i>S. Sato</i>
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	1 bleach	2 raw white	3 beige	4 light khaki	5 camel	6 L gray

Quantitative analysis of fibre mixtures (%)	
JIS L 1030-2	
試(東)様式 TO-5-2	

Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	13 BB51	14 BB52	15 BB45	16 BB54	17 BB16	18 BB46
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>4	4	3-4	>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	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	(2-3)	4-5	4	4-5	4-5
			wet	4-5	(2)	4-5	3	3-4	(2-3)
	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 3-4	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	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 BB42	20 BB12	21 BB25	22 BB53	23 BB18	24 BB21
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>4	4	>4	3	3-4
	Washing and Laundering (Grade)	JIS L 0844 Method A-1	change in colour	4	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	4-5	4-5	4-5	4-5
			alkali	change in colour	4	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	3-4	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
			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						

() Standard Unattained

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	36 Pieces
	WOOL 100%

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	TEL 03-3943-3174 FAX 03-3943-3183	
	Date	2022/9/21
	Test No.	TO-2207372-2-2/3
	Inspection House	Tokyo Test Center
	Inspector	S. Sato
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	13 viridian	14 deep green	15 lilac	16 purple blue	17 bordeaux	18 deep purple
	19 pale yellow	20 yellow	21 lime	22 pink	23 D pink	24 scarlet

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

Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	25 BB13	26 BB24	27 BB44	28 BB41	29 BB56	30 BB17	
		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	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	
			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	
				alkali	change in colour	4-5	4-5	4-5	4-5	4-5
				staining	4-5 4	4-5 4-5	4-5 4-5	4-5 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	3-4	3-4	3-4	4-5	4-5	3-4	
Water (Grade)		JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	
	staining		4-5 4	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	4-5	4-5	4-5	4-5	4-5	4-5		
Bleeding (Grade)	DAIMARU Method I	solution staining	4-5	4-5	4-5	4-5	4-5	4-5		
		staining								

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	2/60 BOND60	
36 Pieces		

Colour Fastness	Test Items	Methods of Testing	Colour No.	31 BB32	32 BB49	33 BB20	34 BB15	35 BB5	36 BB6	
		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	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	
			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	
				alkali	change in colour	4-5	4-5	4-5	4-5	4-5
				staining	4-5 4-5	4-5 4	4-5 4-5	4-5 4	4-5 4-5	4-5 4-5
Rubbing (Grade)		JIS L 0849 Type II	dry	4-5	4-5	4-5	4	4	4	
			wet	4	3	3	(2-3)	(2-3)	3	
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	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	solution staining	4-5	4-5	4-5	4-5	4-5	4-5		
		staining								

WOOL	100%
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Inspector	<i>S. Sato</i>	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

25 red	26 B orange	27 brick	28 pearl grey	29 french blue	30 aqua
31 turquoise	32 peacock	33 royal blue	34 dull blue	35 navy	36 B navy

Quantitative analysis of fibre mixtures (%)	
JIS L 1030-2	(表) 様式 TO-5-2