

Testing Report

Colour Fastness	Test Items	Methods of Testing	Colour No.	1 FRM07	2 FRM24	3 FRM21	4 FRM42	5 FRM212	6 FRM25	
	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-2	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	
			staining	5 5	5 5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	
			solution staining	5	5	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	5 5	5 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	4-5
				staining	5 5	5 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	5	5	4-5	4-5	4-5	4-5	
			wet	5	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	5 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	5	4-5	4-5	4-5	4-5		
		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.	7 FRM09	8 FRM225	9 FRM22	10 FRM23	11 FRM216	12 FRM13	
	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-2	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 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	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	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
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	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		
		solution staining	4-5	4-5	4-5	4-5	4-5	4-5		
Bleeding (Grade)	DAIMARU Method I	staining								

Applicant	MONTELUCE/MARUYASU Corporation
	OKUBO
Article	1/60 FORMA
	PQ0029
	51 Pieces
POLYESTER 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	2024/3/1
	Test No.	TO-2401346-2-1/5
	Inspection House	Tokyo Test Center
Inspector	<i>S. Sato</i>	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMP	1 white	2 ivory	3 cream	4 beige	5 Y.beige	6 lemon
	7 platinum	8 ash green	9 silver	10 greige	11 D.gray	12 charcoal

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

Testing Report

Colour Fastness	Test Items	Methods of Testing	Colour No.	13 FRM14	14 FRM222	15 FRM37	16 FRM06	17 FRM39	18 FRM221	
		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-2	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	
	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	4-5	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	4-5	
			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.	19 FRM208	20 FRM05	21 FRM220	22 FRM01	23 FRM207	24 FRM206	
		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-2	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	4-5	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	4-5	
			solution staining	4-5	4-5	4-5	4-5	4-5	4-5	
	Bleeding (Grade)	DAIMARU Method I	staining							

SAMP	13 black	14 L.pink	15 pink	16 B.pink	17 tomato	18 D.red
SAMP	19 P.orange	20 R orange	21 L.orange	22 sprend	23 yellow	24 dandelion

Applicant	MONTELUCE/MARUYASU Corporation
	OKUBO
Article	1/60 FORMA
	PQ0029
	51 Pieces
POLYESTER 100%	

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	1-10-5, Komagome, Toshima-ku, Tokyo, Japan	
	TEL 03-3943-3174 FAX 03-3943-3183	
	Date	2024/3/1
	Test No.	TO-2401346-2-2/5
	Inspection House	Tokyo Test Center
	Inspector	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

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

Testing Report

Test Items		Methods of Testing	Colour No.	25 FRM209	26 FRM27	27 FRM205	28 FRM203	29 FRM210	30 FRM219
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-2	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
			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
			alkali	staining	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	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	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	
		solution staining	4-5	4-5	4-5	4-5	4-5	4-5	
Bleeding (Grade)	DAIMARU Method I	staining							

Test Items		Methods of Testing	Colour No.	31 FRM40	32 FRM03	33 FRM04	34 FRM223	35 FRM32	36 FRM31
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-2	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
			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
			alkali	staining	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	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	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	
		solution staining	4-5	4-5	4-5	4-5	4-5	4-5	
Bleeding (Grade)	DAIMARU Method I	staining							

25 D.orange	26 camel	27 L.blue	28 lilac	29 pansy	30 plum
31 purple	32 yellow	33 B.green	34 L.green	35 forest	36 green

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	Inspection House	Tokyo Test Center
Inspector	<i>S. Satw</i>	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

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

Testing Report

Colour Fastness	Test Items	Methods of Testing	Colour No.	37 FRM227	38 FRM12	39 FRM218	40 FRM18	41 FRM214	42 FRM30	
	Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	4	4	4	4	(3-4)
Washing and Laundering (Grade)		JIS L 0844 Method A-2	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	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	4-5	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	4-5		
		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.	43 FRM33	44 FRM201	45 FRM34	46 FRM15	47 FRM215	48 FRM16	
	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-2	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		
		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	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	4-5	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	4-5		
		solution staining	4-5	4-5	4-5	4-5	4-5	4-5		
Bleeding (Grade)	DAIMARU Method I	staining								

() Standard Unattained

37 viridian	38 khaki	39 D.brown	40 pearl gray	41 L.mint	42 mint
43 teal	44 peacock	45 turquoise	46 aqua	47 ocean blue	48 blue

Applicant	MONTELUCE/MARUYASU Corporation
	OKUBO
Article	1/60 FORMA
	PQ0029
	51 Pieces
	POLYESTER 100%

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	1-10-5, Komagome, Toshima-ku, Tokyo, Japan	
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	Date	2024/3/1
	Test No.	TO-2401346-2-4/5
	Inspection House	Tokyo Test Center
	Inspector	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

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

Testing Report

Colour Fastness	Test Items	Methods of Testing	Colour No.	49 FRM200	50 FRM11	51 FRM08	52	53	54
	Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>4	>4	>4		
Washing and Laundering (Grade)		JIS L 0844 Method A-2	change in colour	4-5	4-5	4-5			
			staining	4-5	4-5	4-5			
Perspiration (Grade)		JIS L 0848	acid	change in colour	4-5	4-5	4-5		
			alkali	staining	4-5	4-5	4-5		
Rubbing (Grade)		JIS L 0849 Type II	dry	4-5	4-5	4-5			
			wet	4-5	4-5	4-5			
Water (Grade)		JIS L 0846	change in colour	4-5	4-5	4-5			
	staining		4-5	4-5	4-5				
Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour	4-5	4-5	4-5				
		staining	4-5	4-5	4-5				
Bleeding (Grade)	DAIMARU Method I	staining							

Colour Fastness	Test Items	Methods of Testing	Colour No.	55	56	57	58	59	60
	Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour					
Washing and Laundering (Grade)		JIS L 0844 Method A-2	change in colour						
			staining						
Perspiration (Grade)		JIS L 0848	acid	change in colour					
			alkali	staining					
Rubbing (Grade)		JIS L 0849 Type II	dry						
			wet						
Water (Grade)		JIS L 0846	change in colour						
	staining								
Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour							
		staining							
Bleeding (Grade)	DAIMARU Method I	staining							

SAMPLE	49 royal blue	50 night blue	51 navy	52	53	54
		55	56	57	58	59

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Inspector	S. Sato	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

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