

# Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	1 SRE07	2 SRE24	3 SRE09	4 SRE225	5 SRE18	6 SRE22	
		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	
	Perspiration (Grade)	JIS L 0848	acid	change in colour	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	5	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 SRE23	8 SRE216	9 SRE13	10 SRE12	11 SRE14	12 SRE212	
		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	
				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	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
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan
	TEL: +81-3-3633-5561 FAX: +81-3-3633-5531
Article	1/60 PROOF PLUS ECO ALPHA
	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	2023/10/11
	Test No.	TO-2308175-2-1/5
	Inspection House	Tokyo Test Center
	Inspector	Kanzaki
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

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

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

# Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	13 SRE21	14 SRE42	15 SRE25	16 SRE207	17 SRE206	18 SRE220
	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	
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	
		alkali	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	
Rubbing (Grade)	JIS L 0849 Type II	dry	4-5	4-5	4-5	4-5	4-5		
		wet	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		
		staining	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		
		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							

Colour Fastness	Test Items	Methods of Testing	Colour No.	19 SRE208	20 SRE209	21 SRE27	22 SRE218	23 SRE214	24 SRE30
	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	
			staining	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 4-5	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	4-5		
		wet	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		
		staining	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		
		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							

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	POLYESTER 100%

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	TEL 03-3943-3174 FAX 03-3943-3183	
	Date	2023/10/11
	Test No.	TO-2308175-2-2/5
	Inspection House	Tokyo Test Center
	Inspector	Kanzaki
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	13 cream	14 beige	15 lemon	16 yellow	17 dandelion	18 L.orange

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

# Testing Report



Colour Fastness	Test Items		Methods of Testing	Colour No.	25 SRE33	26 SRE201	27 SRE223	28 SRE31	29 SRE32	30 SRE227
	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	
	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
				alkali	change in colour	4-5	4-5	4-5	4-5	4-5
					staining	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	
wet				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		
			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							

Colour Fastness	Test Items		Methods of Testing	Colour No.	31 SRE39	32 SRE221	33 SRE219	34 SRE222	35 SRE37	36 SRE203
	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	
	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
				alkali	change in colour	4-5	4-5	4-5	4-5	4-5
					staining	4-5	4-5	4-5	4-5	4-5
	Rubbing (Grade)		JIS L 0849 Type II	dry	4	4-5	4-5	4-5	4-5	
wet				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		
			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							

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	Inspection House	Tokyo Test Center
	Inspector	Kanjabi
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	25 teal	26 peacock	27 L.green	28 green	29 forest	30 viridian
	31 tomato	32 D.red	33 plum	34 L.pink	35 pink	36 lilac

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

# Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	37 SRE210	38 SRE40	39 SRE205	40 SRE215	41 SRE16	42 SRE200
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>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
	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
			alkali	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
	Rubbing (Grade)	JIS L 0849 Type II	dry	4-5	4-5	4-5	4-5	4-5	
			wet	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	
			staining	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	
			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						

  

Colour Fastness	Test Items	Methods of Testing	Colour No.	43 SRE11	44 SRE08	45 SRE03	46 SRE01	47 SRE04	48 SRE34
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>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	
	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
			alkali	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
	Rubbing (Grade)	JIS L 0849 Type II	dry	4-5	(3-4)	4-5	4-5	4-5	
			wet	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	
			staining	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	
			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						

( ) Standard Unattained

SAMPLE	37 pansy	38 purple	39 L.blue	40 ocean blue	41 blue	42 royal blue
	43 night blue	44 navy	45 B.yellow	46 sprend	47 B.green	48 turquoise

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	Date	2023/10/11
	Test No.	TO-2308175-2-4/5
InspectionHouse	Tokyo Test Center	
Inspector	Kanzaki	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

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

# Testing Report



Test Items	Methods of Testing	Colour No.	49	50	51	52	53	54
			SRE15	SRE05	SRE06			
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			
		solution staining	4-5	4-5	4-5			
Perspiration (Grade)	JIS L 0848	acid	change in colour	4-5	4-5	4-5		
			staining	4-5	4-5	4-5		
		alkali	change in colour	4-5	4-5	4-5		
			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			
		solution staining	4-5	4-5	4-5			
Bleeding (Grade)	DAIMARU Method I	staining						

  

Test Items	Methods of Testing	Colour No.	55	56	57	58	59	60
			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						
		solution staining						
Perspiration (Grade)	JIS L 0848	acid	change in colour					
			staining					
		alkali	change in colour					
			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						
		solution staining						
Bleeding (Grade)	DAIMARU Method I	staining						

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	POLYESTER 100%

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	Date	2023/10/11
	Test No.	TO-2308175-2-5/5
	Inspection House	Tokyo Test Center
	Inspector	Kanzaki
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	49 aqua	50 B.orange	51 B.pink	52	53	54
	55	56	57	58	59	60

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