

# Testing Report



Test Items		Methods of Testing	Colour No.	1 ATN110	2 ATN550	3 ATN18	4 ATN01	5 ATN19	6 ATN24
Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	4	4	4	4以上	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
			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	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	
Bleeding (Grade)	DAIMARU Method I	staining							

Test Items		Methods of Testing	Colour No.	7 ATN11	8 ATN770	9 ATN999	10 ATN09	11 ATN39	12 ATN40
Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	4	4以上	3-4	4	4以上
	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
			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	3-4	3	2-3	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   4-5	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	staining							

Applicant	MONTELUCE/MARUYASU Corporation	
	OKUBO	
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan	
Article	TEL: +81-3-3633-5561	
	FAX: +81-3-3633-5531	
	1/6.2 ATON	
36 Pieces		
COTTON 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	2023/8/22
	Test No.	TO-2306136-2-1/3
InspectionHouse	Tokyo Test Center	
Inspector	Kanzaki	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

1 off white	2 beige	3 peachpuff	4 L brown	5 khaki	6 S gray
7 slate gray	8 charcoal	9 black	10 mint	11 turquoise	12 teal

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

# Testing Report



Test Items	Methods of Testing	Colour No.	13 ATN20	14 ATN07	15 ATN31	16 ATN22	17 ATN46	18 ATN500	
Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	4	4	4以上	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	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	3	3-4	4	2-3	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   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.	19 ATN17	20 ATN35	21 ATN13	22 ATN48	23 ATN34	24 ATN33	
Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	4以上	4	4以上	3-4	(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	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	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	4	3-4	4-5	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   4-5	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							

( ) Standard Unattained

13 green	14 forest	15 waterblue	16 jay blue	17 marine	18 navy
19 cream	20 lemon	21 gold	22 mustard	23 skin	24 cinnamon

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	OKUBO	
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Article	1/6.2 ATON	
	36 Pieces	
	COTTON 100%	

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	TEL 03-3943-3174 FAX 03-3943-3183	
	Date	2023/8/22
	Test No.	TO-2306136-2-2/3
	Inspection House	Tokyo Test Center
	Inspector	Kanzaki
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

Quantitative analysis of fibre mixtures (%)	
JIS S 5022	

# Testing Report



Colour Fastness	Test Items		Methods of Testing	Colour No.	25 ATN12	26 ATN49	27 ATN42	28 ATN36	29 ATN10	30 ATN38		
	Ultraviolet carbon arc lamp light (Grade)		JIS L 0842	change in colour	4以上	4	4	3-4	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	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	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		
Water (Grade)		JIS L 0846	wet	3-4	3-4	2-3	4-5	4-5	4			
			change in colour	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									

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Article	1/6.2 ATON	
	36 Pieces	
COTTON 100%		

Colour Fastness	Test Items		Methods of Testing	Colour No.	31 ATN16	32 ATN23	33 ATN21	34 ATN14	35 ATN41	36 ATN15		
	Ultraviolet carbon arc lamp light (Grade)		JIS L 0842	change in colour	4	4	4	4	4以上	4以上		
	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	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	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		
Water (Grade)		JIS L 0846	wet	2-3	2-3	4-5	2-3	2-3	2-3			
			change in colour	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									

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Inspector	Kanzaki	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	25 marmalade	26 carrot	27 brown	28 lavender	29 dove gray	30 violet
	31 fuchsia	32 purple	33 pink	34 red	35 ruby	36 maroon

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