

Testing Report

Test Items	Methods of Testing	Colour No.	1 TNW000	2 TNW110	3 TNW17	4 TNW61	5 TNW63	6 TNW64	
			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	
		solution staining	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	
		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	4 3-4
Rubbing (Grade)	JIS L 0849 Type II	dry	4-5	4-5	4-5	4-5	4	4	
		wet	4-5	4-5	4-5	4-5	4	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	
Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour	4-5	4-5	4-5	4-5	4	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.	7 TNW81	8 TNW1T	9 TNW2T	10 TNW770	11 TNW999	12 TNW51	
			Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	3-4	>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	
		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	4-5 4	4-5 4-5	4-5 4-5
Rubbing (Grade)	JIS L 0849 Type II	dry	4-5	4-5	(3)	3-4	3-4	4-5	
		wet	4-5	4-5	3-4	3-4	3	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							

() Standard Unattained

1 white	2 off white	3 light beige	4 beige	5 brown	6 maroon
7 greige	8 M.gray	9 charcoal	10 D.gray	11 black	12 pink

Applicant	MONTELUCE / MARUYASU Corporation
	OKUBO
Article	2/14 TONE WOOL
	KT0169
	44 Pieces
	WOOL 100%

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	2024/9/17
Test No.	TO-2407929-2-1/4
Inspection House	Tokyo Test Center
Inspector	Kanzaki
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.	13 TNW53	14 TNW54	15 TNW49	16 TNW67	17 TNW52	18 TNW7
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	(3-4)	(3-4)	(3-4)	(3-4)	(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
				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 TNW59	20 TNW66	21 TNW41	22 TNW40	23 TNW43	24 TNW44
		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-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
			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	4-5	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	13 hot pink	14 deep pink	15 lilac	16 violet	17 old lilac	18 mint
	19 aqua	20 biomint	21 light camel	22 camel	23 lemonchiffon	24 lemon

Applicant	MONTELUCE/MARUYASU Corporation
	OKUBO
Article	2/14 TONE WOOL
	KT0169
	44 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	2024/9/17
	Test No.	TO-2407929-2-2/4
	InspectionHouse	Tokyo Test Center
	Inspector	Kan Jaki
	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.	25 TNW74	26 TNW65	27 TNW58	28 TNW34	29 TNW47	30 TNW48
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>4	(3-4)	>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
				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	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	4-5	4-5	4	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.	31 TNW39	32 TNW37	33 TNW76	34 TNW55	35 TNW56	36 TNW73
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	4	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	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 3-4	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 3	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	3-4	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	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

25 yellow	26 mistyleaf	27 lime	28 emerald	29 moonstone	30 ice blue
31 retro h'ue	32 blue	33 marine blue	34 mandarin	35 orange	36 flame

Applicant	MONTELUCE/MARUYASU Corporation
	OKUBO
Article	2/14 TONE WOOL
	KT0169
	44 Pieces
	WOOL 100%

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	InspectionHouse	Tokyo Test Center
	Inspector	Kanzaki
	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 TNW69	38 TNW70	39 TNW71	40 TNW72	41 TNW79	42 TNW78	
	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	4-5 4-5	4-5 4-5	4-5 4-5	
			solution staining	4-5	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 4-5	4-5 3-4	4-5 4	4-5 4	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	4 3	4 3-4	4-5 3-4	4-5 4	4-5 4
Rubbing (Grade)		JIS L 0849 Type II	dry	4-5	4-5	(3)	3-4	4	3-4	
			wet	4	4	4-5	3-4	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	4-5 4	4-5 4	4-5 3-4	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	4-5		
		staining	4-5	4	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 TNW77	44 TNW80	45	46	47	48	
	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>4	>4					
Washing and Laundering (Grade)	JIS L 0844 Method A-1	change in colour	4-5	4-5						
		staining	4-5 4-5	4-5 4-5						
		solution staining	4-5	4-5						
Perspiration (Grade)	JIS L 0848	acid	change in colour	4-5	4-5					
			staining	4-5 4-5	4-5 4-5					
		alkali	change in colour	4-5	4-5					
			staining	4-5 4-5	4-5 4-5					
Rubbing (Grade)	JIS L 0849 Type II	dry	3-4	4-5						
		wet	3	4						
Water (Grade)	JIS L 0846	change in colour	4-5	4-5						
		staining	4-5 4-5	4-5 4-5						
Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour	4-5	4-5						
		staining	4-5	4-5						
		solution staining	4	4-5						
Bleeding (Grade)	DAIMARU Method I	staining								
/										

() Standard Unattained

SAMPLE	37 poppy red	38 red	39 burgundy	40 D.purple	41 khaki	42 teal
	43 turquoise	44 navy	45	46	47	48

Applicant	MONTELUCE/MARUYASU Corporation
	OKUBO
	2/14 TONE WOOL
Article	KT0169
	44 Pieces
	WOOL 100%

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	Date	2024/9/17
	Test No.	TO-2407929-2-4/4
	Inspection House	Tokyo Test Center
	Inspector	Kanzaki
	Adjacent Fabric	Cotton / Nylon (multifiber fabric)

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