

# Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	1 BAN73	2 BAN1	3 BAN20	4 BAN81	5 BAN82	6 BAN25	
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	4	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	5 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	5 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	5 5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	4 4-5
	Rubbing (Grade)	JIS L 0849 Type II	dry	5	4-5	4-5	4-5	4-5	4-5	
			wet	5	4-5	4	4	3	(2-3)	
	Water (Grade)	JIS L 0846	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	4-5 4-5	4-5 4-5	4-5 4	
	Dry cleaning (Grade)	JIS L 0860 Method B-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	
			staining	5	4-5	4-5	4-5	4-5	4-5	
	Bleeding (Grade)	DAIMARU Method I	staining	5	4-5	4-5	4-5	4-5	4-5	
	Pilling (Grade)	ISO 12945-1	5hours							

  

Colour Fastness	Test Items	Methods of Testing	Colour No.	7 BAN18	8 BAN24	9 BAN2	10 BAN7	11 BAN30	12 BAN11	
		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	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	4-5 4-5	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	4-5 4-5	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	4-5	5	4-5	4-5	4-5	4-5	
			wet	4	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 5	4-5 4-5	4-5 4-5	4-5 4-5	4-5 4-5	
	Dry cleaning (Grade)	JIS L 0860 Method B-1	change in colour	4-5	4-5	4-5	4-5	4-5	4-5	
			staining	4-5	5	4-5	4-5	4-5	4-5	
	Bleeding (Grade)	DAIMARU Method I	staining	4-5	5	4-5	4-5	4-5	4-5	
	Pilling (Grade)	ISO 12945-1	5hours							

( ) Standard Unattained

SAMPLE	1 white	2 L gray	3 M gray	4 midnight	5 black shade	6 charcoal
	7 black	8 off white	9 grege	10 L beige	11 L camel	12 camel

Applicant	MONTELUCE/MARUYASU Corporation	
	OKUBO	
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan	
	TEL: +81-3-3633-5561	FAX: +81-3-3633-5531
Article	BALLOON BALLOON8 BALLOON10 BALLOON20	
	56 Pieces	
	WOOL 70%	ACRYLIC 30%

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	2021/4/23
	Test No.	TO-2102851-2-1/5
	InspectionHouse	Tokyo Test Center
	Inspector	M. Mori
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 BAN4	14 BAN26	15 BAN31	16 BAN71	17 BAN83	18 BAN9	
		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	
	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	3	4-5	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	
	Dry cleaning (Grade)	JIS L 0860 Method B-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	4-5	(4)	4-5	(4)	(3-4)	4-5	
	Pilling (Grade)	ISO 12945-1	5hours							

  

Colour Fastness	Test Items	Methods of Testing	Colour No.	19 BAN32	20 BAN61	21 BAN10	22 BAN63	23 BAN36	24 BAN68	
		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	4-5	4-5	4-5	4-5	4-5	4-5	
			wet	4	3-4	4	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 B-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	4-5	(4)	4-5	4-5	4-5	5	
	Pilling (Grade)	ISO 12945-1	5hours							

( ) Standard Unattained

Applicant	MONTELUCE/MARUYASU Corporation	
	OKUBO	
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan	
	TEL: +81-3-3633-5561	FAX: +81-3-3633-5531
Article	BALLOON BALLOON8 BALLOON10 BALLOON20	
	56 Pieces	
	WOOL 70%	ACRYLIC 30%

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	2021/4/23
	Test No.	TO-2102851-2-2/5
	Inspection House	Tokyo Test Center
	Inspector	M. Mori
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	13 M brown	14 D brown	15 yellow	16 D yellow	17 desert	18 mustard
	19 L orange	20 V orange	21 orange	22 mint	23 ash blue	24 Nile blue

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



# Testing Report



Colour Fastness	Test Items		Methods of Testing	Colour No.	25 BAN69	26 BAN67	27 BAN70	28 BAN37	29 BAN58	30 BAN53
	Ultraviolet carbon arc lamp light (Grade)		JIS L 0842	change in colour	(3-4)	(3-4)	>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	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
	Water (Grade)			JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5
Dry cleaning (Grade)		JIS L 0860 Method B-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	4-5	4-5	4-5	4-5	(4)	(4)	
Pilling (Grade)		ISO 12945-1	5hours							

Colour Fastness	Test Items		Methods of Testing	Colour No.	31 BAN59	32 BAN34	33 BAN55	34 BAN54	35 BAN57	36 BAN66
	Ultraviolet carbon arc lamp light (Grade)		JIS L 0842	change in colour	(3-4)	4	>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	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	3-4   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	4-5	4-5
	Water (Grade)			JIS L 0846	change in colour	4-5	4-5	4-5	4-5	4-5
Dry cleaning (Grade)		JIS L 0860 Method B-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	4-5	(3-4)	4-5	4-5	4-5	4-5	
Pilling (Grade)		ISO 12945-1	5hours							

( ) Standard Unattained

SAMPLE	25 sax blue	26 turquoise	27 marine blue	28 royal blue	29 skin	30 rosepink
SAMPLE	31 coral	32 pink	33 rubypink	34 strawberry	35 tomato	36 lavender

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	OKUBO	
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan	
Article	BALLOON BALLOON8 BALLOON10 BALLOON20	
	56 Pieces	
	WOOL	70%
	ACRYLIC	30%

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	2021/4/23
	Test No.	TO-2102851-2-3/5
	InspectionHouse	Tokyo Test Center
Inspector	M. Mori	
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 BAN84	38 BAN65	39 BAN85	40 BAN17	41 BAN33	42 BAN16
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	(3-4)	(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
	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	3	3-4	
	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 4-5	4-5 4-5	4-5 4-5	
	Dry cleaning (Grade)	JIS L 0860 Method B-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	4-5	4-5	4-5	4-5	4-5	
	Pilling (Grade)	ISO 12945-1	5hours						

  

Colour Fastness	Test Items	Methods of Testing	Colour No.	43 BAN72	44 BAN35	45 BAN62	46 BAN13	47 BAN86	48 BAN87
		Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	>4	(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	
			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 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 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	3-4	3-4	(2-3)	
	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 B-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	4-5	4-5	4-5	4-5	4-5	
	Pilling (Grade)	ISO 12945-1	5hours						

( ) Standard Unattained

Applicant	MONTELUCE/MARUYASU Corporation	
	OKUBO	
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	TEL: +81-3-3633-5561	FAX: +81-3-3633-5531
Article	BALLOON BALLOON8 BALLOON10 BALLOON20	
	56 Pieces	
	WOOL 70%	ACRYLIC 30%

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	2021/4/23
	Test No.	TO-2102851-2-4/5
	Inspection House	Tokyo Test Center
	Inspector	M. Mori
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	37 mauvepink	38 violet	39 vino	40 purple	41 brick	42 red
	43 yellow green	44 ash green	45 pure green	46 green	47 dark green	48 deep khaki

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



# Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	49 BAN88	50 BAN14	51 BAN39	52 BAN8	53 BAN38	54 BAN15	
	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	
			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	3	3	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		
Dry cleaning (Grade)	JIS L 0860 Method B-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	(4)	(4)	4-5	(4)	4-5	4-5		
Pilling (Grade)	ISO 12945-1	5hours								

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	OKUBO	
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FAX: +81-3-3633-5531		
Article	BALLOON BALLOON8 BALLOON10 BALLOON20	
	56 Pieces	
WOOL 70%		
ACRYLIC 30%		

Colour Fastness	Test Items	Methods of Testing	Colour No.	55 BAN89	56 BAN5	57	58	59	60	
	Colour Fastness	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					
			solution staining	4-5	4-5					
Perspiration (Grade)		JIS L 0848	acid	change in colour	4-5	4-5				
				staining	4-5	4-5				
			alkali	change in colour	4-5	4-5				
				staining	4-5	4-5				
Rubbing (Grade)		JIS L 0849 Type II	dry	4-5	4-5					
			wet	4	(2-3)					
Water (Grade)	JIS L 0846	change in colour	4-5	4-5						
		staining	4-5	4-5						
Dry cleaning (Grade)	JIS L 0860 Method B-1	change in colour	4-5	4-5						
		staining	4-5	4-5						
		solution staining	4-5	4-5						
Bleeding (Grade)	DAIMARU Method I	staining	4-5	(4)						
Pilling (Grade)	ISO 12945-1	5hours								

( ) Standard Unattained

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	Test No.	TO-2102851-2-5/5
	Inspection House	Tokyo Test Center
	Inspector	M. Mori
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	49 olive	50 blue	51 peacock	52 indigo	53 eggplant	54 navy
	55 coffee	56 B charcoal	57	58	59	60

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