

# Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	1 ERP1	2 ERP13	3 ERP14	4 ERP20	5 ERP2	6 ERP28
	Colour Fastness	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	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
Rubbing (Grade)		JIS L 0849 Type II	dry	5	5	4-5	4-5	4-5	4-5
			wet	5	4-5	4-5	4-5	2-3	4
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	
Bleeding (Grade)	DAIMARU Method I	staining	4-5	5	4-5	4-5	4-5	4-5	

  

Colour Fastness	Test Items	Methods of Testing	Colour No.	7 ERP18	8 ERP19	9 ERP15	10 ERP6	11 ERP29	12 ERP22
	Colour Fastness	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	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	3	2-3	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	4-5	4-5	4-5	4-5	4-5	4-5	

( ) Standard Unattained

Applicant	MONTELUCE/MARUYASU Corporation
	RI
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan
	TEL: +81-3-3633-5561 FAX: +81-3-3633-5531
Article	1/7.4 ERICA
	30 Pieces
	COTTON 86% POLYESTER 14%

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	2023/1/31
	Test No.	TO-2300294-2-1/3
	Inspection House	Tokyo Test Center
	Inspector	Kanazaki
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	1 white	2 off white	3 ivory	4 beige	5 camel	6 dark brown
	MENKEN	MENKEN	MENKEN	MENKEN	MENKEN	MENKEN
	7 ice gray	8 dark gray	9 charcoal	10 black	11 lavender	12 lilac
	MENKEN	MENKEN	MENKEN	MENKEN	MENKEN	MENKEN

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



# Testing Report



Test Items		Methods of Testing	Colour No.	13 ERP16	14 ERP25	15 ERP30	16 ERP8	17 ERP17	18 ERP9
Colour Fastness	Ultraviolet carbon arc lamp light (Grade)	JIS L 0842	change in colour	(3-4)	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
			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	2-3	4	3-4	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	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
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 ERP12	20 ERP32	21 ERP21	22 ERP7	23 ERP31	24 ERP27
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	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
			wet	2-3	3	4-5	4	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
solution staining			4-5	4-5	4-5	4-5	4-5	4-5	
Bleeding (Grade)	DAIMARU Method I	staining							

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	TEL 03-3943-3174 FAX 03-3943-3183	
	Date	2023/1/31
	Test No.	TO-2300294-2-2/3
	Inspection House	Tokyo Test Center
Inspector	Kanjaki	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	13 wisteria	14 p.blue	15 yellow	16 gold	17 orange	18 rose
	19 red	20 barn red	21 mint	22 lime	23 olive	24 viridian

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



# Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	25 ERP11	26 ERP26	27 ERP4	28 ERP23	29 ERP24	30 ERP5
	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
			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	2-3	3	4-5	3	2-3	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	
Bleeding (Grade)	DAIMARU Method I	staining	4-5	4-5	4-5	4-5	4-5	4-5	

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	30 Pieces	
COTTON 86%		
POLYESTER 14%		

Colour Fastness	Test Items	Methods of Testing	Colour No.	31	32	33	34	35	36	
	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	change in colour						
	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								

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	Test No.	TO-2300294-2-3/3
	Inspection House	Tokyo Test Center
Inspector	Kan Jaki	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	25 teal	26 drak moss	27 silver	28 french blue	29 royal blue	30 navy
	31	32	33	34	35	36

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