

# Testing Report



Colour Fastness	Test Items	Methods of Testing	Colour No.	1 MSL000	2 MSL110	3 MSL550	4 MSL19	5 MSL5	6 MSL37	
	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-2	change in colour	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	4-5	4-5	4-5	4-5	4-5	
Perspiration (Grade)		JIS L 0848	acid	change in colour	5	4-5	4-5	4-5	4-5	4-5
				staining	5	5	4-5	4-5	4-5	4-5
			alkali	change in colour	5	4-5	4-5	4-5	4-5	4-5
				staining	5	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	5	4-5	4-5	4-5	4-5	4-5	
Water (Grade)	JIS L 0846	change in colour	5	4-5	4-5	4-5	4-5	4-5		
		staining	5	5	4-5	4-5	4-5	4-5		
Dry cleaning (Grade)	JIS L 0860 Method A-1	change in colour	5	4-5	4-5	4-5	4-5	4-5		
		staining	5	4-5	4-5	4-5	4-5	4-5		
		solution staining	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.	7 MSL42	8 MSL770	9 MSL999	10 MSL23	11 MSL24	12 MSL14
	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	
			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	3-4	4-5	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		
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							

Applicant	MONTELUCE/MARUYASU Corporation	
	RI	
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan	
TEL: +81-3-3633-5561		
FAX: +81-3-3633-5531		
Article	1/26 MATT SOIL	
	36 Pieces	
ACETATE		90%
NYLON		10%

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	2023/4/26
	Test No.	TO-2302831-2-1/3
	Inspection House	Tokyo Test Center
Inspector	Kanzabai	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	1 white	2 off white	3 beige	4 sand beige	5 L.gray	6 M.gray
SAMPLE	7 D.gray	8 charcoal	9 black	10 creamy yellow	11 lemon	12 lime

Quantitative analysis of fibre mixtures (%)	
1030-2	

# Testing Report



Test Items	Methods of Testing	Colour No.	13 MSL36	14 MSL27	15 MSL31	16 MSL32	17 MSL13	18 MSL33
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-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
		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	4-5
		wet	4-5	4	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	
	RI	
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan	
TEL: +81-3-3633-5561		
FAX: +81-3-3633-5531		
Article	1/26 MATT SOIL	
	36 Pieces	
ACETATE 90%		
NYLON 10%		

Test Items	Methods of Testing	Colour No.	19 MSL28	20 MSL10	21 MSL11	22 MSL12	23 MSL34	24 MSL35
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-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
		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	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						

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	2023/4/26
	Test No.	TO-2302831-2-2/3
Inspection House	Tokyo Test Center	
Inspector	Kanzaki	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	13 orange	14 pumpkin	15 lilac	16 azalea	17 purple	18 grape
	19 mint	20 teal	21 viridian	22 deep green	23 baby blue	24 french blue

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

# Testing Report



Test Items		Methods of Testing	Colour No.	25 MSL17	26 MSL41	27 MSL500	28 MSL29	29 MSL15	30 MSL1
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-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
			alkali	staining	4-5   4-5	4-5   4-5	4-5   4	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	4-5
			staining	4-5   4-5	4-5   4-5	4-5   4	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	4-5	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.	31 MSL2	32 MSL7	33 MSL39	34 MSL8	35 MSL16	36 MSL22
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-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
			alkali	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	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	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							

Applicant	MONTELUCE/MARUYASU Corporation	
	RI	
	3-21-5,Ryogoku, Sumida-Ku, Tokyo, Japan	
TEL: +81-3-3633-5561		
FAX: +81-3-3633-5531		
Article	1/26 MATT SOIL	
	36 Pieces	
ACETATE 90%		
NYLON 10%		

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	2023/4/26
	Test No.	TO-2302831-2-3/3
	Inspection House	Tokyo Test Center
Inspector	Kanzaki	
Adjacent Fabric	Cotton / Nylon (multifiber fabric)	

SAMPLE	25 royal blue	26 D.blue	27 navy	28 L.pink	29 D.pink	30 red
	31 burgundy	32 D.beige	33 L.camel	34 camel	35 brick	36 bordeaux

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