





















Kayacion CF Colors (60°C)

Kayacion	%o.w.f.	色見本 Cotton	溶解度 g/L Solubility	耐光 Light		汗耐光 Perspiration/Light		洗濯 Washing : ISO (Test 2 : 50°C)			塩素処理水 Chlorinated Water 10ppm
				ISO	AATCC	JIS	ATTS	Change Shade	Cotton	Silk	
Yellow CF-3RJ 150	2.0		100	5	5	4-5	4	4-5	4-5	4-5	4
Brown CF-4R 150	2.0		100	3-4	3-4	4	2	4-5	4-5	4-5	3-4
Red CF-3BJ 150	2.0		100	4	3-4	4	3	4-5	4-5	4-5	4-5
Blue CF-GJ 150	2.0		90	3-4	3-4	3-4	2	4-5	4-5	4-5	3-4
Blue CF-BR	2.0		100	4-5	4-5	4	3	4-5	4-5	4-5	2-3
Brill. Blue CF-R 150	2.0		90	5↑	5↑	4-5	3-4	4-5	4-5	4-5	2
Navy CF-BJ	4.0		80	3-4	3-4	4	3	4-5	4-5	4-5	4
Grey CF-2B 150	2.0		100	3-4	3	3-4	1-2	4-5	4-5	4-5	4
Black CF-BG	8.0		100	4	3-4	4	3	4-5	4-5	4-5	4
Black CF-2R	8.0		100	4	3-4	4	3	4-5	4-5	4-5	4
Red CF-4BL	2.0		100	4	4	4	3-4	4-5	4-5	4-5	3-4
Blue CF-BL	2.0		100	5	4-5	4	3	4-5	4-5	4-5	3
Yellow CF-COMJ	2.0		100	5	5	4-5	4	4-5	4-5	4-5	4
Red CF-COMJ	2.0		100	3-4	3-4	3-4	2-3	4-5	4-5	4-5	4
Red CF-COMS	2.0		100	4	4	3-4	3	4-5	4-5	4-5	3-4
Blue CF-COMJ	2.0		100	5	4	4	2	4-5	4-5	4-5	2-3
Navy CF-COMJ	2.0		100	3-4	3-4	3-4	2-3	4-5	4-5	4-5	4

染色条件 Dyeing condition


染色法 Dyeing Method : 浸染 Exhaustion Dyeing  
 被染物 Material : 無シル綿 Non-mercerized Cotton  
 浴比 Liquor ratio : 1:15 (15:1)  
 芒硝 Glauber's Salt : 染色濃度 Dyeing depth  
 0.5%o.w.f. = 20g/L, 2.0%o.w.f. = 30g/L, 4.0%o.w.f. = 50g/L, 8.0%o.w.f. = 90g/L  
 ソーダ灰 Soda ash : 20g/L  
 染色助剤 Dyeing agent : Kayatector E 1g/L (染色再現性向上剤 Reproducibility improvement agent)  
 温度/時間 Temperature/Time : 60°C×60min. → 水洗 Water rinsing → 酸中和 Acid neutralization  
 後処理 After treatment : ソーピング Soaping, 95°C×20min.

### Kayacion E Colors (80°C)

Kayacion	%o.w.f.	色見本 Cotton	溶解度 g/L Solubility	耐光 Light :JIS	洗濯 Washing : JIS (A-4 : 70°C)		
					変退色	Cotton	Silk
Yellow E-CM	2.0		60	5-6	4-5	4-5	5
Red E-CM(N)	2.0		60	4	4-5	4-5	5
Marine E-CM	2.0		80	5	4-5	4-5	5
Yellow E-LE conc	1.5		100	5	4-5	4-5	5
Magenta E-LE conc	2.0		100	4	4	4-5	5
Marine E-LE conc	4.5		80	4	4-5	4-5	5
Lemon E-CG	2.0		100	4	4-5	4-5	5
Turquoise E-CG	2.0		100	4-5	4	4	5
Yellow E-S4R	2.0		100	5-6	4 <sup>G</sup>	5	5
Brown E-NR	2.0		50	4	4-5	4-5	5
Red E-S3B	2.0		140	4	4-5	4-5	5
Turquoise E-NA	2.0		100	5	4	3-4	5

染色条件 Dyeing condition  
 染色法 Dyeing Method : 浸色 Exhaustion Dyeing  
 被染物 Material : 無シル綿 Non-mercerized Cotton  
 浴比 Liquor ratio : 1:20 (20:1)  
 芒硝 Glauber's Salt : 60g/L  
 ソーダ灰 Soda ash : 20g/L  
 温度/時間 Temperature/Time : 80°C×60min. → 水洗 Water rinsing  
 後処理 After treatment : ソーピング Soaping, 95°C×20min.

### Kayacelon React Colors (98°C~130°C)

Kayacelon React	%o.w.f.	色見本 Cotton	溶解度 g/L Solubility	耐光 Light		汗耐光 Perspiration/Light		洗濯 Washing : ISO (Test 2 : 50°C)			塩素処理水 Chlorinated Water 10ppm
				ISO	AATCC	JIS	ATTS	Change Shade	Cotton	Silk	
Yellow CN-ML	2.0		20	5	5	4-5	4-5	4-5	4-5	4-5	4
Yellow CN-EX	2.0		100	5	5	4-5	4-5	4-5	4-5	4-5	4-5
Yellow CN-603	2.0		30	5-6	5	4-5	4-5	4-5	4-5	4-5	4
Red CN-3B	2.0		15	4	3-4	4	3	4-5	4-5	4-5	4-5
Blue CN-BL	2.0		20	5	4-5	4	2	4-5	4-5	4-5	2-3
Blue CN-MG	2.0		30	4	3-4	3-4	2	4-5	4-5	4-5	3
Dark Blue CN-R	4.0		35	3-4	3-4	3-4	2-3	4-5	4-5	4-5	4
Turquoise CN-2G	2.0		50	4	3-4	4-5	2-3	4-5	4-5	4-5	1-2

染色条件 Dyeing condition  
 染色法 Dyeing Method : 高温染色 High-temperature Dyeing  
 被染物 Material : 無シル綿 Non-mercerized Cotton  
 浴比 Liquor ratio : 1:15 (15:1)  
 染色 pH Dyeing pH : 7.0 (Kayaku Buffer P-7 1g/L)  
 芒硝 Glauber's Salt : 染色濃度 Dyeing depth 2%o.w.f. = 30g/L, 4%o.w.f. = 70g/L  
 温度/時間 Temperature/Time : 130°C×30min. → 水洗 Water rinsing  
 後処理 After treatment : ソーピング Kayatector E 1g/L, 95°C×20min. (Reproducibility improvement agent)

