

Kayacion Brown CF-4R 150

NIPPON KAYAKU

«Characteristics»

○Kayacion Brown CF-4R 150 is 60°C type and bi-functional reactive dyestuff. Having the same trichromatic affinity results in outstanding dyeing reproducibility when used with Kayacion CF-COM series and Grey CF-2B 150. Also, since the trichromatic reactivity is the same, the hue of the materials dyed with Kayacion CF-COM series and Grey CF-2B 150 is not easily influenced by changes in dyeing time and alkali addition temperature.

☆Color Fastness (Cotton 100% ; 60°C Dyeing)

Dyeing depth	Light		Perspiration/Light		Washing (ISO Test 2 : 50°C)			Chlorinated Water 10ppm
	ISO	AATCC	JIS	ATTS	Change in shade	Staining on		
						Cotton	Silk	
2.0%	3-4	3-4	4	2	4-5	4-5	4-5	3-4

Light : ISO 105-B02(Xenon-arc Black panel : 53°C) & AATCC 16-3(Xenon-arc Black panel : 63°C)

Perspiration/Light : JIS(Xenon-arc) & ATTS(Xenon-arc) Chlorinated Water : JIS L 0884 10ppm

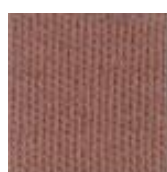
☆Dyeing pattern (Cotton 100% ; 60°C Dyeing)

Color Sample

0.05%

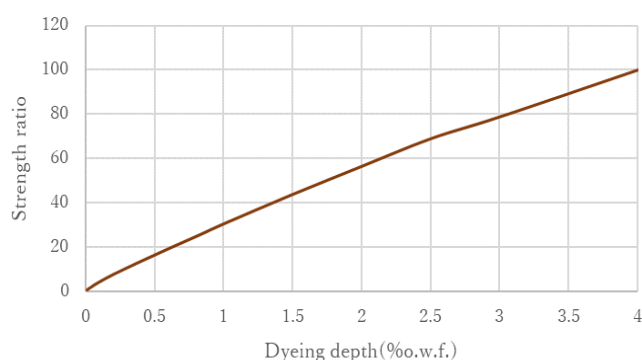
1.0%

4.0%



[Strength ratio and the value of L*a*b*]

(standard : Kayacion Brown CF-4R 150 4.0%o.w.f.)



%o.w.f.	L*	a*	b*
0.01	88.91	3.20	3.68
0.02	85.06	4.67	4.45
0.04	81.33	6.59	5.45
0.06	77.93	7.30	5.95
0.08	75.67	7.95	6.38
0.1	73.78	8.38	6.84
0.2	66.92	9.82	7.79
0.4	59.25	11.35	8.76
0.6	54.23	12.17	9.26
0.8	50.58	13.05	9.64
1.0	47.56	13.48	9.84
1.5	42.26	14.19	9.96
2.0	38.62	14.61	9.97
3.0	33.86	14.79	9.45
4.0	30.71	14.60	8.97

*There is no intentional addition of the components corresponding to restricted substances listed by OEKO-TEX STANDARD 100, Edition 2/2019.

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