

Kayacion Red CF-COMS

NIPPON KAYAKU

«Characteristics»

○Kayacion Red CF-COMS is 60°C type and bi-functional reactive dyestuff. Having the same trichromatic affinity results in outstanding dyeing reproducibility when used with Kayacion Yellow CF-COM, Blue CF-COM and Navy CF-COM. Also, since the trichromatic reactivity is the same, the hue of the materials dyed with Kayacion CF-COM series 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%	4	4	3-4	3	4-5	4-5	4-5	3-4

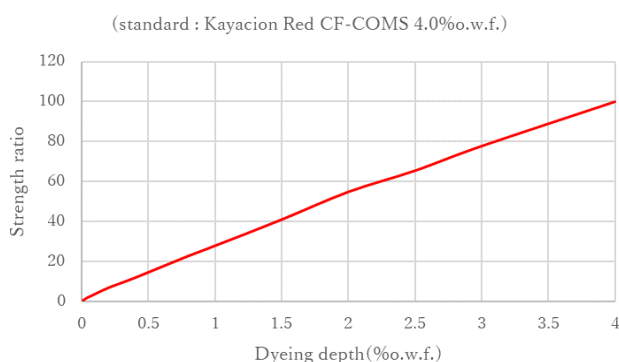
Light : ISO 105-B02(Xenon-arc Black panel : 53°C) & AATCC 16-3(Xenon-arc Black panel : 63°C)

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

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



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



%o.w.f.	L*	a*	b*
0.01	87.08	13.19	-3.66
0.02	83.87	18.51	-5.21
0.04	79.11	25.09	-6.43
0.06	76.58	28.34	-6.69
0.08	74.41	30.82	-6.76
0.1	72.56	32.84	-6.83
0.2	66.11	39.57	-6.55
0.4	59.79	45.71	-5.90
0.6	55.37	49.30	-5.08
0.8	52.24	51.43	-4.23
1.0	49.92	52.76	-3.75
1.5	45.85	55.08	-1.71
2.0	42.84	55.93	0.21
3.0	39.25	55.93	2.93
4.0	36.79	55.52	5.30

*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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