

# Kayacion Blue CF-COM

NIPPON KAYAKU

## «Characteristics»

○Kayacion Blue CF-COM 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, Red 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	3-4	4	2	4-5	4-5	4-5	4

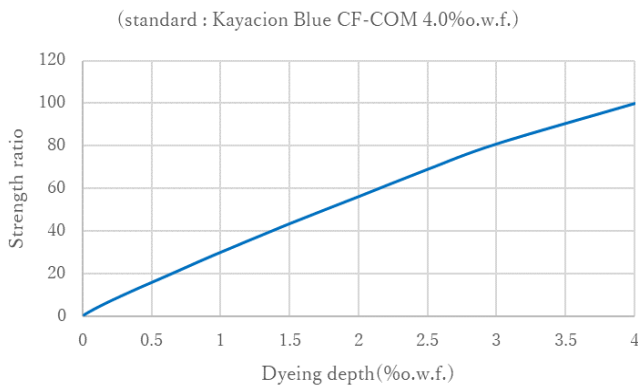
Light : ISO 105-B02(Xenon-arc Black panel : 53°C) & AATCC 16-3(Xenon-arc Black panel : 63°C)

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	86.45	-3.86	-5.50
0.02	82.78	-4.68	-8.61
0.04	78.17	-5.11	-11.56
0.06	75.06	-5.26	-12.99
0.08	72.36	-5.47	-14.01
0.1	70.19	-5.54	-14.89
0.2	62.80	-6.05	-17.15
0.4	54.53	-6.31	-19.41
0.6	49.42	-6.34	-20.78
0.8	45.59	-6.10	-21.48
1.0	42.68	-5.89	-21.99
1.5	37.47	-5.21	-22.44
2.0	33.93	-4.56	-22.48
3.0	28.99	-3.43	-21.95
4.0	26.20	-2.68	-21.18

\*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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