

Kayacion Navy CF-COM

NIPPON KAYAKU

«Characteristics»

○Kayacion Navy 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 Blue 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	
4.0%	3-4	3-4	4	2-3	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)

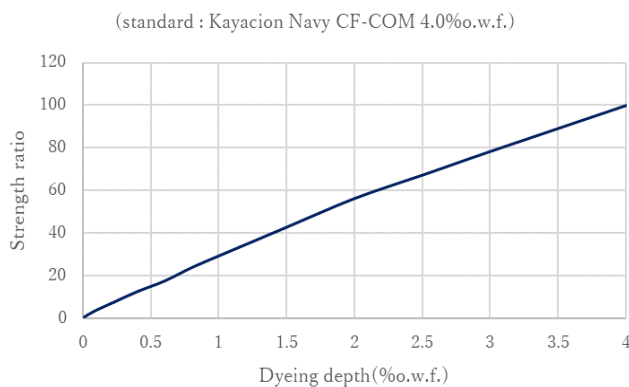
Perspiration/Light : JIS(Xenon-arc) & ATTS(Xenon-arc) Chlorinated Water : JIS L 0884 10ppm

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



%o.w.f.	L*	a*	b*
0.01	86.07	-3.81	-5.44
0.02	82.20	-4.53	-7.94
0.04	76.72	-5.08	-10.51
0.06	73.31	-5.28	-11.59
0.08	70.56	-5.50	-12.45
0.1	68.28	-5.69	-13.09
0.2	60.90	-6.24	-14.90
0.4	52.18	-6.60	-16.99
0.6	47.28	-6.49	-17.74
0.8	42.82	-6.28	-18.46
1.0	39.81	-6.03	-18.57
1.5	34.49	-5.44	-18.74
2.0	30.72	-4.82	-18.30
3.0	26.26	-3.81	-17.34
4.0	23.10	-3.02	-16.20

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



*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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