

Kayacion Blue PL-COM

NIPPON KAYAKU

«Characteristics»

○Kayacion Blue PL-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 PL-COM and Red PL-COM. Also, since the trichromatic reactivity is the same, the hue of the materials dyed with Kayacion PL-COM series is not easily influenced by changes in dyeing time and alkali addition temperature.

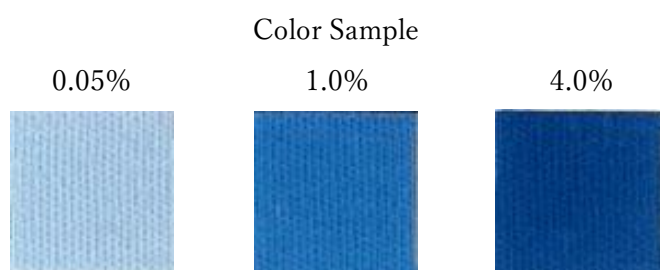
☆Color Fastness (Cotton 100% ; 60°C Dyeing)

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	
0.5%	4-5	4-5	4	3	4-5	4-5	4-5	2

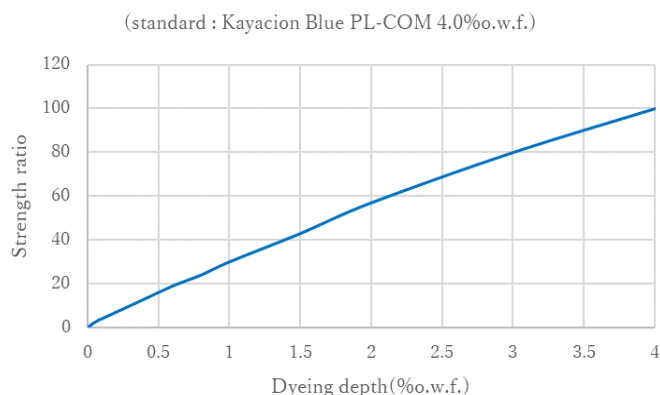
Light : ISO 105-B02(Xenon-arc Black panel : 53°C) & AATCC 16-3(Xenon-arc Black panel : 63°C)

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	87.09	-3.95	-7.35
0.02	84.49	-4.62	-10.30
0.04	80.29	-5.24	-14.71
0.06	77.37	-5.30	-17.46
0.08	75.36	-5.23	-19.26
0.1	73.35	-5.22	-20.61
0.2	66.53	-4.88	-25.03
0.4	58.41	-4.33	-28.76
0.6	53.30	-3.94	-30.72
0.8	50.55	-3.64	-31.55
1.0	47.35	-3.20	-32.45
1.5	42.67	-2.33	-33.42
2.0	39.04	-1.44	-34.05
3.0	34.03	0.17	-34.39
4.0	30.65	1.37	-34.09

*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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