

Kayacion Yellow PL-COM

NIPPON KAYAKU

«Characteristics»

○Kayacion Yellow 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 Red PL-COM and Blue 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%	5	5	4-5	4	4-5	4-5	4-5	4

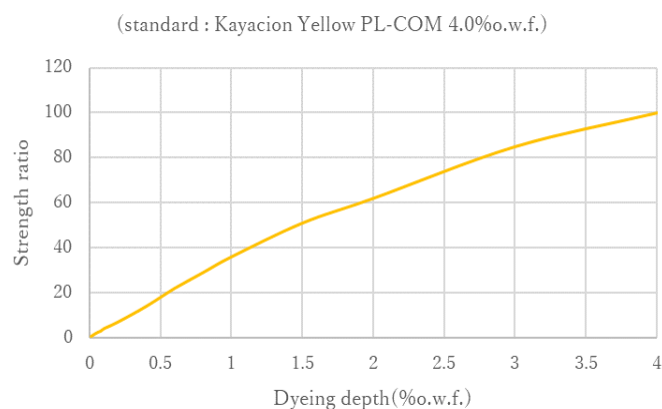
Light : ISO 105-B02(Xenon-arc Black panel : 53°C) & AATCC 16-3(Xenon-arc Black panel : 63°C)

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	92.74	0.39	18.58
0.02	91.85	1.58	22.93
0.04	89.65	4.37	34.37
0.06	88.66	5.73	34.48
0.08	88.74	6.16	34.08
0.1	87.83	7.32	37.57
0.2	85.53	11.00	45.40
0.4	82.31	15.87	54.70
0.6	79.17	21.31	64.67
0.8	78.33	22.15	65.11
1.0	76.24	25.22	69.11
1.5	73.50	30.00	74.71
2.0	72.66	30.78	75.11
3.0	69.93	34.60	78.17
4.0	68.54	36.56	79.31

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

NIPPON KAYAKU (THAILAND) CO., LTD.

ADD: 13th Floor, Ramaland Building, 952 Rama IV road, Suriyawongse, Bangrak, Bangkok 10500

TEL: +66-2-235-2843 HP: <http://www.kayakuth.co.th>

