

# Kayacion Red PL-COM

NIPPON KAYAKU

## «Characteristics»

○Kayacion Red 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 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%	4-5	4-5	4	3	4-5	4-5	4-5	3

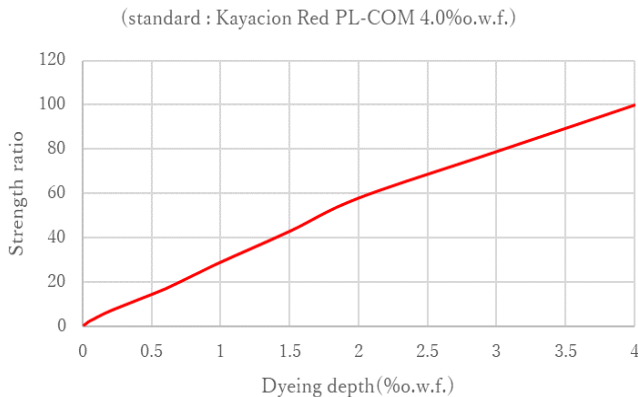
Light : ISO 105-B02(Xenon-arc Black panel : 53°C) & AATCC 16-3(Xenon-arc Black panel : 63°C)

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	88.87	7.04	-2.58
0.02	86.10	11.23	-4.20
0.04	82.43	16.22	-5.74
0.06	79.57	19.66	-6.60
0.08	77.23	22.15	-7.01
0.1	75.36	23.87	-7.26
0.2	67.03	30.46	-8.02
0.4	60.80	34.14	-7.95
0.6	56.69	36.11	-8.01
0.8	53.20	37.81	-7.77
1.0	50.67	38.64	-7.65
1.5	45.36	39.81	-6.72
2.0	42.38	40.43	-6.09
3.0	38.06	40.36	-4.82
4.0	34.95	39.89	-3.67

\*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: 13<sup>th</sup> Floor, Ramaland Building, 952 Rama IV road, Suriyawongse, Bangrak, Bangkok 10500

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

