

Kayacelon React Blue CN-MG

NIPPON KAYAKU

«Characteristics»

- Kayacelon React Blue CN-MG is neutral pH fixation reactive dyestuff.
- It is a reactive dye that does not require the addition of alkali and fixation occurs by increasing the temperature.
- When used in combination with disperse dye that can be neutrally dyed, one bath dyeing of Polyester and cellulose blended fibers become possible.

☆Color Fastness (Cotton 100% ; 130°C Dyeing, pH 7) *Evaluated using JIS L 0804 Grey Scale

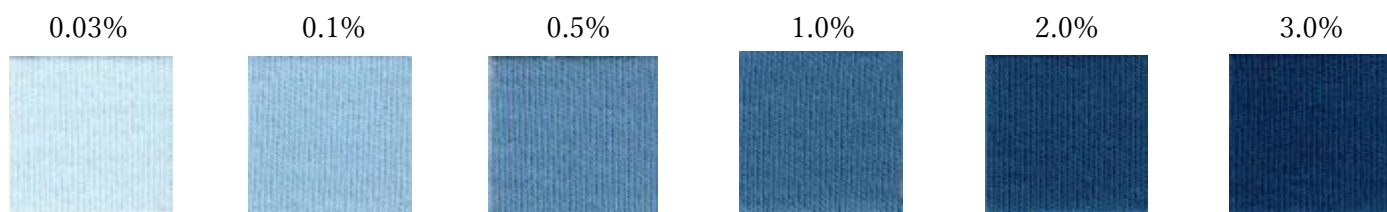
Dyeing depth	Light		Perspiration/Light	Washing (ISO Test 2 : 50°C)		Chlorinated Water 10ppm
	ISO 4 Grade	AATCC 20 AFU		Change in shade	Staining on	
			ISO (Alkali)		Nylon	
0.5%	4-5*	4*	4-5	4-5	4-5	4

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

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

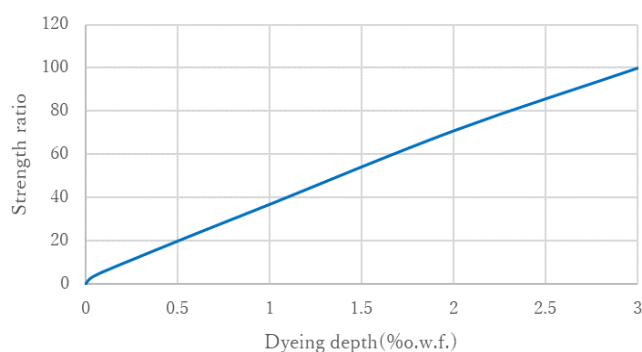
☆Dyeing pattern (Cotton 100% ; 100°C Dyeing, pH 7)

[Color Sample]



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

(standard : Kayacelon React Blue CN-MG 3.0%o.w.f.)



%o.w.f.	L*	a*	b*
0.03	83.46	-4.76	-6.85
0.1	73.59	-5.18	-13.35
0.5	61.26	-5.65	-17.74
1.0	52.99	-5.63	-20.13
2.0	43.39	-5.11	-21.94
3.0	38.21	-4.36	-22.52

*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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