

Kayacelon React Yellow CN-ML

NIPPON KAYAKU

«Characteristics»

- Kayacelon React Yellow CN-ML 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

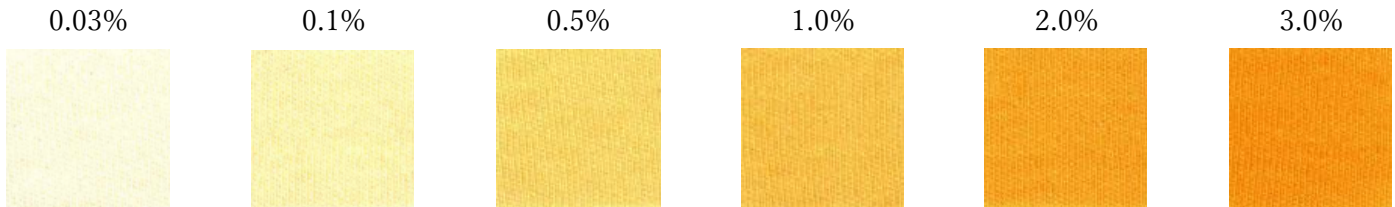
| Dyeing depth | Light | | Perspiration/Light | Washing (ISO Test 2 : 50°C) | | Chlorinated Water 10ppm |
|--------------|-------------|--------------|--------------------|-----------------------------|-------------|-------------------------|
| | ISO 4 Grade | AATCC 20 AFU | | Change in shade | Staining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

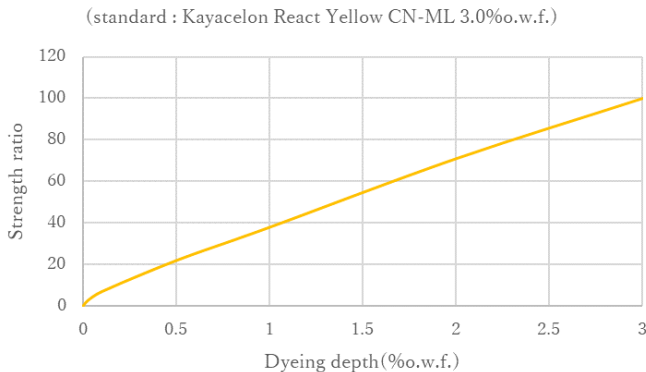
Perspiration/Light : ISO (Xenon-arc) Chlorinated Water : JIS L 0884 10ppm

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

[Color Sample]



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



| %o.w.f. | L* | a* | b* |
|---------|-------|-------|-------|
| 0.03 | 90.89 | -2.14 | 17.23 |
| 0.1 | 89.13 | -1.56 | 30.46 |
| 0.5 | 85.26 | 3.41 | 49.96 |
| 1.0 | 82.93 | 7.88 | 58.97 |
| 2.0 | 79.40 | 13.99 | 70.36 |
| 3.0 | 77.26 | 17.50 | 75.15 |

*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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