

Kayalon Polyester Blue KFL

NIPPON KAYAKU

«Characteristics»

○Kayalon Polyester Blue KFL is a blue dye with exceptional light fastness for satisfying the stringent requirements of automobile fabrics.

○Used in pale to medium colors. It has excellent light fastness and is suitable for dyeing microfibers.

☆Color Fastness (Polyester 100% ; High-temperature dyeing)

Dyeing Depth	Super Light Fastness	Light	Sublimation	Rubbing
		ISO	PET	NaOH
1.0%	4	7 ↑	4	4

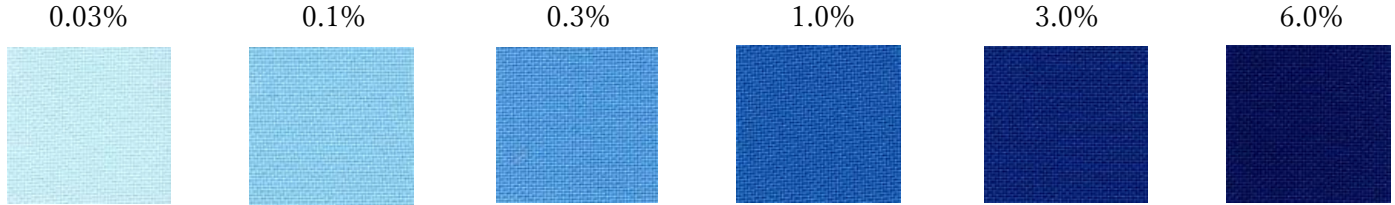
Super light fastness : Super Xenon Weather Meter SX75F(Tester), IR cut filter(<320nm cut)
89°C ± 3(BPT), 84MJ(162W/m²(300-400nm), 144hrs.)

Light : ISO 105-B02 (Xenon-arc) Sublimation : ISO 105-P01(Staining on Polyester)

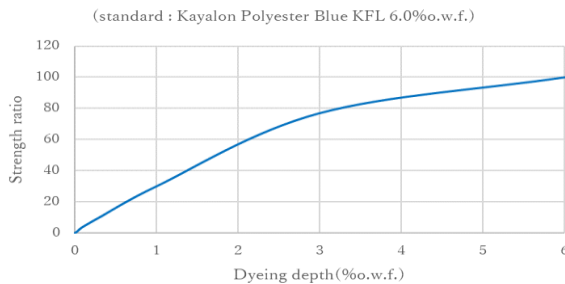
Rubbing : NaOH 4g/L

☆Dyeing pattern (Polyester 100% ; High-temperature dyeing)

[Color Sample]



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



%o.w.f.	L*	a*	b*
0.03	82.58	-8.64	-7.15
0.1	73.48	-11.59	-16.99
0.3	61.46	-11.57	-25.05
1.0	47.56	-10.93	-30.07
3.0	34.35	-7.38	-31.47
6.0	28.02	-3.89	-29.07

*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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