

# Kayalon Polyester Blue FAL

NIPPON KAYAKU

## «Characteristics»

○Kayalon Polyester Blue FAL 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.

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

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

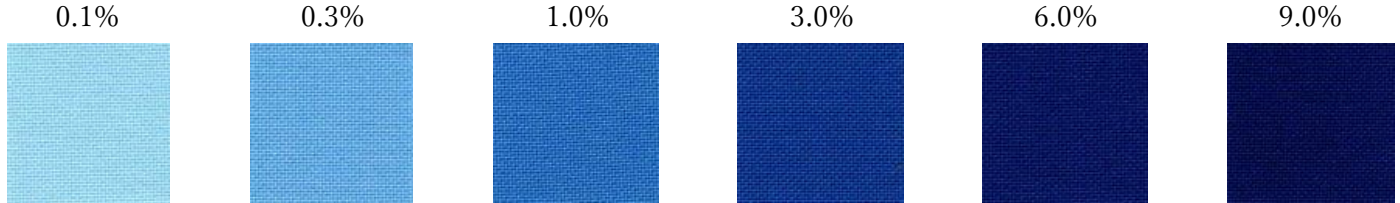
Super light fastness : Super Xenon Weather Meter SX75F(Tester), IR cut filter(<320nm cut)  
89°C ± 3(BPT), 84MJ(162W/m<sup>2</sup>(300-400nm), 144hrs.)

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

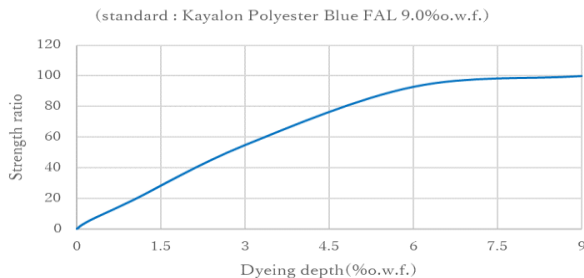
Rubbing : NaOH 4g/L

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

### [Color Sample]



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



%o.w.f.	L*	a*	b*
0.1	76.42	-10.85	-14.81
0.3	66.32	-11.27	-23.54
1.0	51.92	-10.48	-30.03
3.0	38.47	-8.20	-32.55
6.0	30.16	-4.28	-31.78
9.0	26.37	-1.99	-29.61

\*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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