

Kayalon Polyester Red KFL

NIPPON KAYAKU

«Characteristics»

○Kayalon Polyester Red KFL is a red 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%	4-5	7 ↑	4	4-5

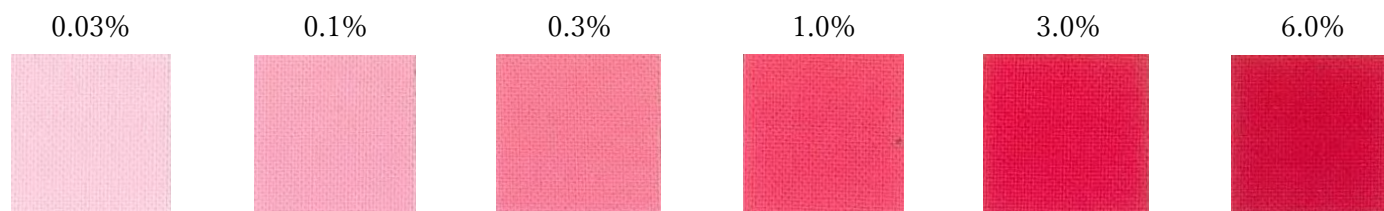
Super light fastness : Super Xenon Weather Meter SX75F(Tester), IR cut filter(<320nm cut)
89°C±3(BPT), 84MJ(162W/m²(300-400nm), 144hrs.)

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

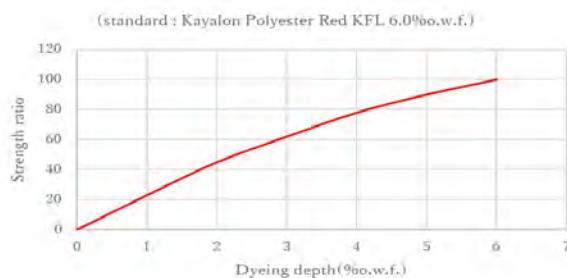
Rubbing : NaOH 4g/L

☆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	81.74	21.59	-0.17
0.1	74.04	36.42	0.22
0.3	65.20	49.12	4.06
1.0	54.98	60.83	10.25
3.0	45.48	64.72	17.99
6.0	40.01	62.44	22.55

*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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