

Kayalon Polyester Red FAL

NIPPON KAYAKU

«Characteristics»

- Kayalon Polyester Red FAL 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.

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

Dyeing Depth	Super Light Fastness	Light	Sublimation	Rubbing
		ISO	PET	NaOH
1.0%	4	7 ↑	4	4-5

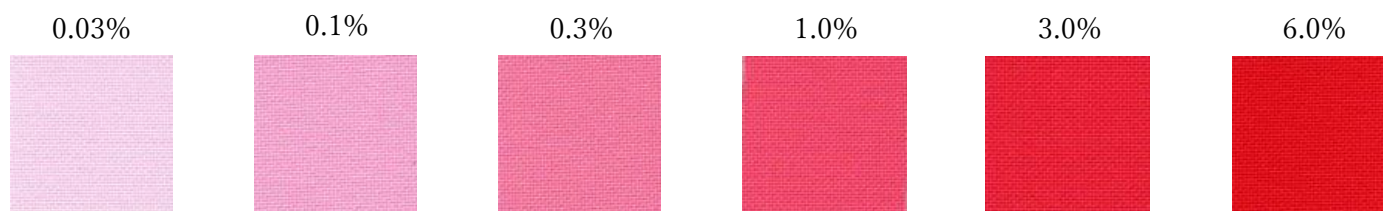
Super light fastness : Super Xenon Weather Meter SX75F(Tester), IR cut filter(<320nm cut)
89°C ± 3(BPT), 84MJ(162W/m²(300-400nm), 144hrs.)

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

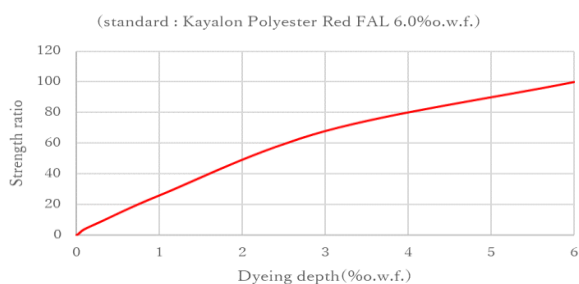
Rubbing : NaOH 4g/L

☆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	83.68	17.62	-0.36
0.1	76.82	33.12	-1.48
0.3	68.44	46.39	0.41
1.0	58.71	58.19	5.91
3.0	49.49	63.01	12.21
6.0	43.87	61.94	16.28

*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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