

Kayalon Polyester Yellow AL

NIPPON KAYAKU

«Characteristics»

○Kayalon Polyester Yellow AL is a yellow dye with exceptional light fastness for satisfying the stringent requirements of automobile fabrics.

○Used in medium to deep colors. It has good light fastness.

○KP AL series are economical trichromatic colors for high light fastness requirements.

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

Dyeing Depth	Super Light Fastness	Light	Sublimation	Rubbing
		ISO	PET	NaOH
1.5%	4-5	7 ↑	3-4	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.)

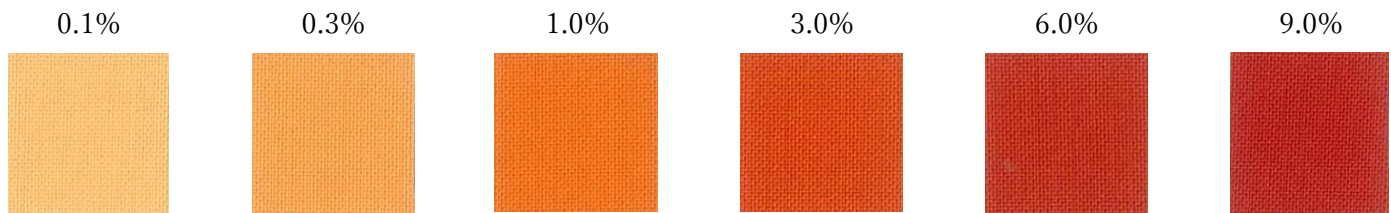
Light : ISO 105-B02 (Xenon-arc)

Sublimation : ISO 105-P01(Staining on Polyester)

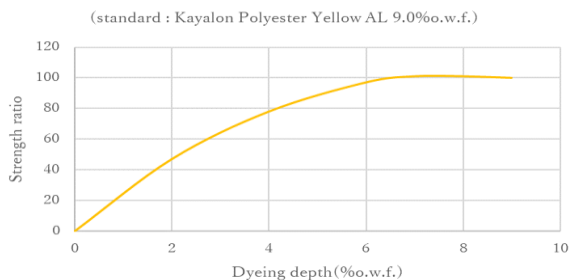
Rubbing : NaOH 4g/L

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

[Color Sample]



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



%o.w.f.	L*	a*	b*
0.1	78.33	17.00	35.87
0.3	71.65	25.93	42.05
1.0	60.68	36.53	51.70
3.0	49.32	44.13	51.26
6.0	42.19	45.29	43.17
9.0	39.36	46.41	38.82

*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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