

Kayalon Polyester Red AL(W)

NIPPON KAYAKU

«Characteristics»

○Kayalon Polyester Red AL(W) is a red 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
2.0%	3-4	7 ↑	4	4-5

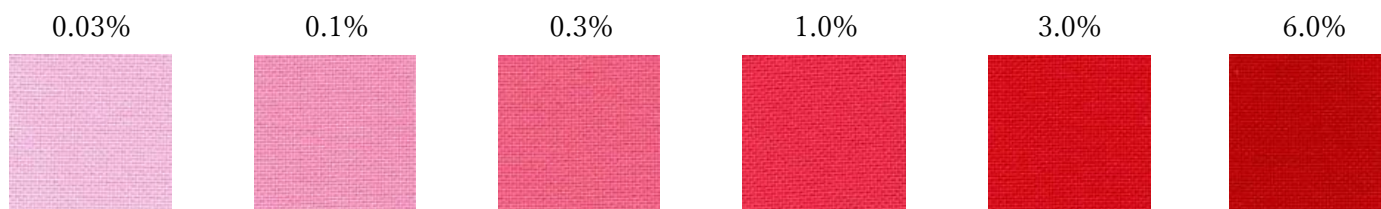
Super light fastness : Super Xenon Weather Meter SX75F(Tester), IR cut filter(<320nm cut)
89°C ± 3(BPT), 84MJ(162W/m²(300-400nm), 144hrs.)

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

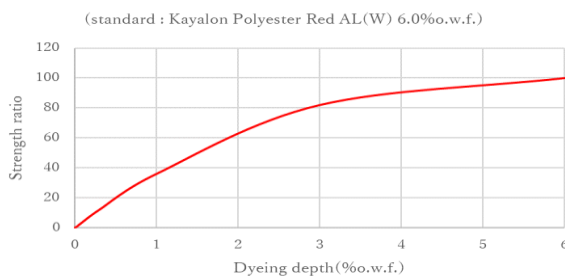
Rubbing : NaOH 4g/L

☆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	78.74	21.62	-4.61
0.1	72.46	34.67	-3.46
0.3	62.76	47.78	0.37
1.0	51.68	57.77	6.24
3.0	42.39	59.12	13.27
6.0	37.04	54.76	16.73

*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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