

Kayalon Polyester Black AL 167

NIPPON KAYAKU

«Characteristics»

- Kayalon Polyester Black AL 167 is a black dye with exceptional light fastness for satisfying the stringent requirements of automobile fabrics.
- It has high sublimation and wet fastness, and is mainly used for yarn dyeing.

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

Dyeing Depth	Super Light Fastness	Light	Sublimation	Rubbing
		ISO	PET	NaOH
4.4%	4	7 ↑	3-4	4

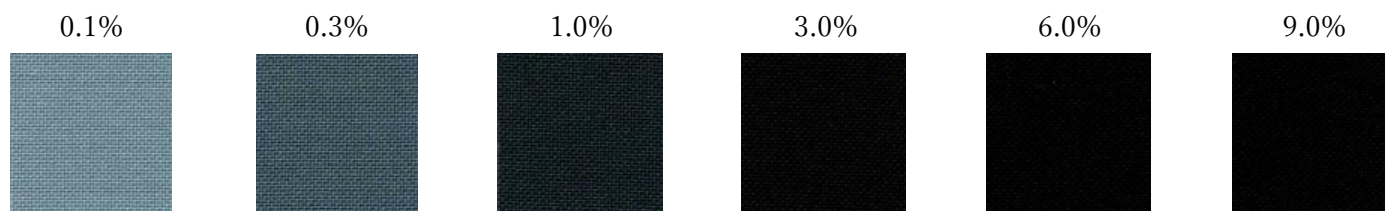
Super light fastness : Super Xenon Weather Meter SX75F(Tester), IR cut filter(<320nm cut)
89°C ± 3(BPT), 84MJ(162W/m²(300-400nm), 144hrs.)

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

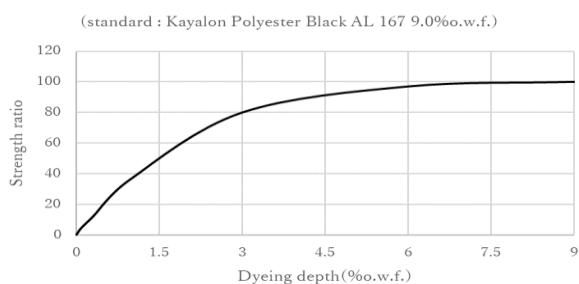
Rubbing : NaOH 4g/L

☆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	61.03	-5.47	-5.66
0.3	47.18	-5.48	-6.71
1.0	31.14	-4.06	-6.64
3.0	20.52	-0.81	-3.96
6.0	17.29	0.50	-2.28
9.0	16.59	0.66	-1.59

*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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