

Kayalon Polyester Black MPL conc

NIPPON KAYAKU

《Characteristics》

○Kayalon Polyester Black MPL conc is a black dye with exceptional light fastness for satisfying the stringent requirements of automobile fabrics.

○It is a general-purpose black dye used for piece dyeing for high light fastness requirements.

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

Dyeing Depth	Super Light Fastness	Light	Sublimation	Rubbing
		ISO	PET	NaOH
4.0%	4	7 ↑	2-3	3-4

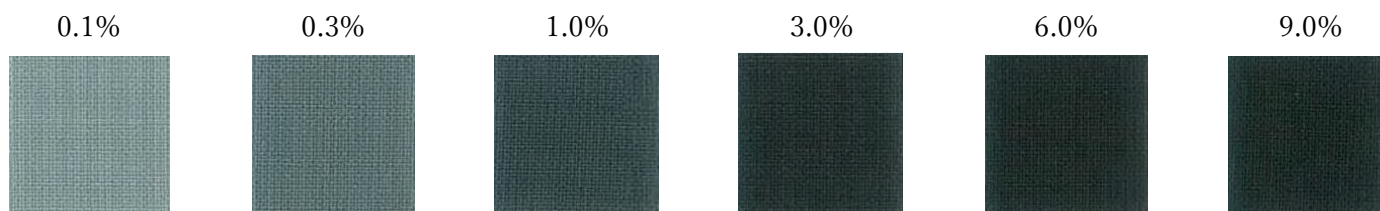
Super light fastness : Super Xenon Weather Meter SX75F(Tester), IR cut filter(<320nm cut)
89°C ± 3(BPT), 84MJ(162W/m²(300-400nm), 144hrs.)

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

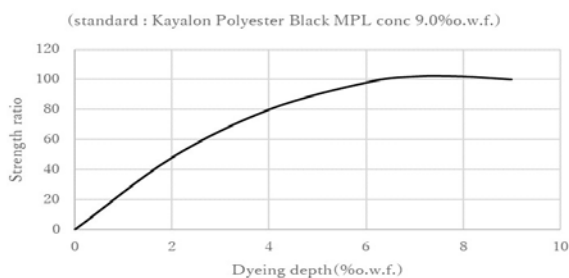
Rubbing : NaOH 4g/L

☆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	60.43	-2.89	-2.37
0.3	46.49	-2.97	-2.97
1.0	30.84	-2.11	-3.87
3.0	19.52	-0.09	-2.97
6.0	16.85	0.30	-1.61
9.0	16.03	0.49	-1.13

*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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