

Disperse Black ML-10

NIPPON KAYAKU

《Characteristics》

○Disperse Black ML-10 is a black dye with exceptional light fastness for satisfying the stringent requirements of automobile fabrics.

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

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

Dyeing Depth	Super Light Fatness	Light	Sublimation	Rubbing
		ISO	PET	NaOH
4.5%	3-4	7 ↑	3	4

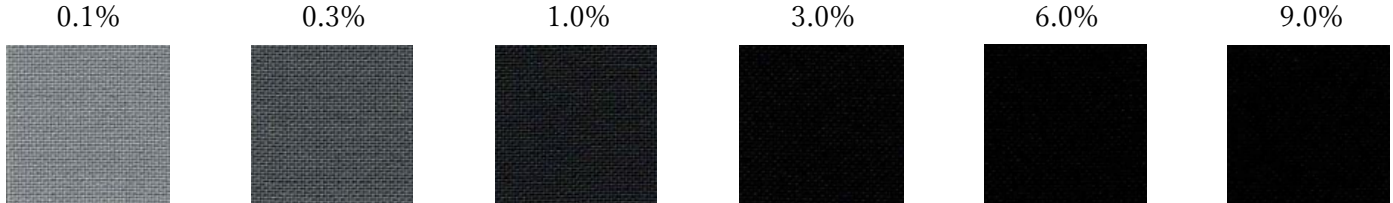
Super light fastness : Super Xenon Weather Meter SX75F(Tester), IR cut filter(<320nm cut)
89°C ± 3(BPT), 84MJ(162W/m²(300-400nm), 144hrs.)

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

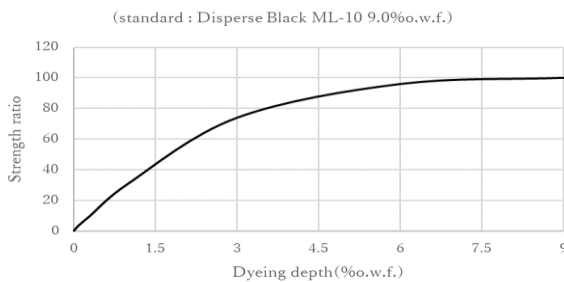
Rubbing : NaOH 4g/L

☆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	60.83	-0.91	-2.22
0.3	47.54	-1.11	-3.01
1.0	32.32	-0.45	-3.59
3.0	20.48	0.67	-3.40
6.0	17.43	0.98	-2.46
9.0	16.68	0.93	-1.91

*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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