

Disperse Black STN

NIPPON KAYAKU

《Characteristics》

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

○It has excellent rubbing fastness (alkali).

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

Dyeing Depth	Super Light Fastness	Light	Sublimation	Rubbing
		ISO	PET	NaOH
4.8%	4	7 ↑	3-4	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.)

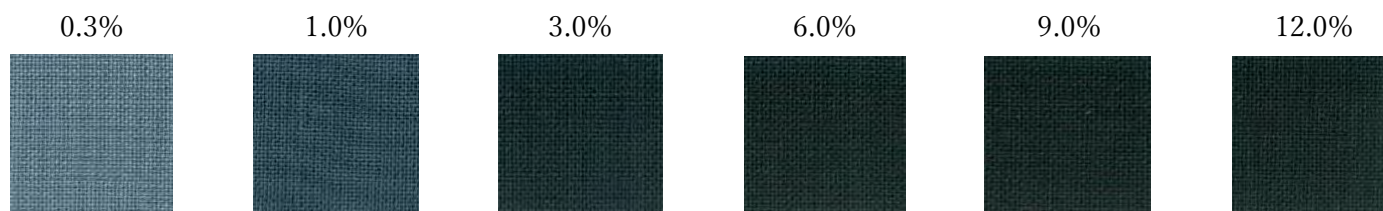
Light : ISO 105-B02 (Xenon-arc)

Sublimation : ISO 105-P01(Staining on Polyester)

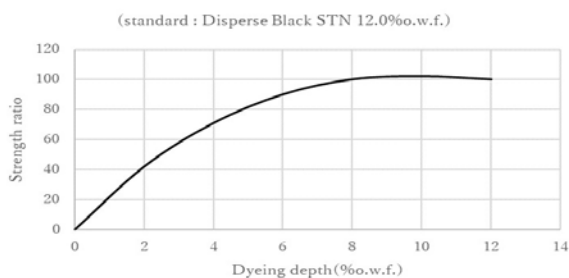
Rubbing : NaOH 4g/L

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

[Color Sample]



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



%o.w.f.	L*	a*	b*
0.3	49.62	-2.81	-6.22
1.0	32.83	-2.76	-6.21
3.0	21.14	-0.98	-3.95
6.0	18.07	0.45	-2.29
9.0	17.13	0.22	-1.95
12.0	16.89	-0.13	-1.11

*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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