

# Disperse Navy Blue UT-GF

NIPPON KAYAKU (THAILAND) CO., LTD.

## «Characteristics»

○Disperse Navy Blue UT-GF is a disperse dye with excellent overall fastness.

In particular, it has excellent wet fastness and achieves a high level of fastness in various blended fabrics.

☆Color Fastness (High-temperature Dyeing on Polyester and PET/PU(85/15) blends)

Polyester 100% (After heat setting 170°C, 60sec)

Dyeing depth	Light	Sublimation 180°C, 30sec.			Washing AATCC, II-A			Water 37°C, 4hrs.			Rubbing	
		Change in shade	Staining on		Change in shade	Staining on		Change in shade	Staining on			
			PET	Nylon		Acetate	Nylon		Nylon	Silk	Dry	Wet
1.0%	4	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
3.0%	5 ↑	4-5	3-4	4	4-5	4	4	4-5	4-5	4	4-5	4-5

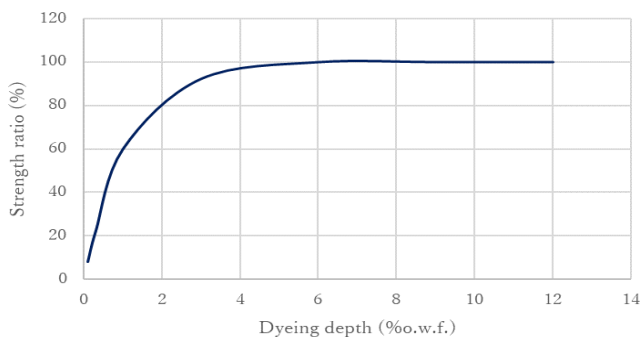
Light : Xenon-arc ISO 105-B02, Sublimation : ISO 105-P01, Water : ISO 105-E01

PET/PU(85/15) blends (Washing AATCC, II-A)

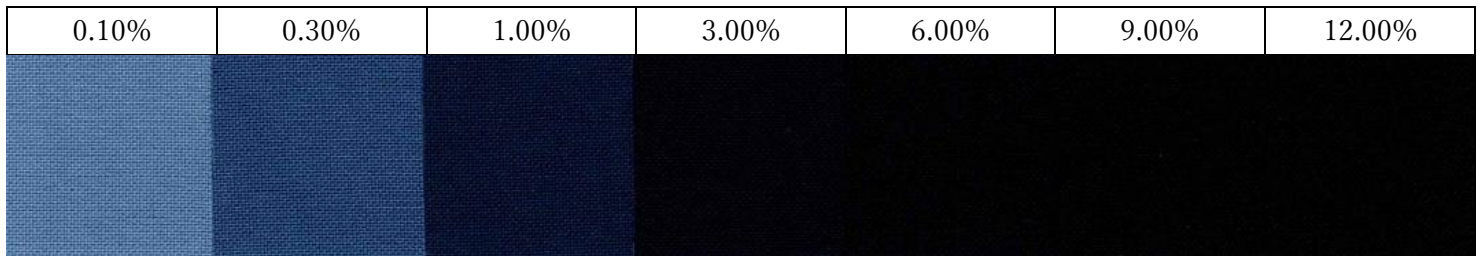
%o.w.f.	After Reductive clearing						After heat setting 170°C, 60sec					
	Ace	Co	Ny	PET	Acr	Wo	Ace	Co	Ny	PET	Acr	Wo
KP N.Blue ECXN 350 1.92%	2-3						2-3					
Disp. N.Blue UT-GF 3.00%	4						4					

☆Dyeing pattern Polyester 100% High-temperature Dyeing

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



%o.w.f.	L*	a*	b*
0.10	56.687	-2.668	-19.421
0.30	42.520	-1.432	-22.961
1.00	26.994	2.087	-22.251
3.00	18.363	3.723	-12.007
6.00	16.646	2.461	-6.068
9.00	16.669	1.753	-4.401
12.00	16.359	1.747	-3.950



NIPPON KAYAKU (THAILAND) CO., LTD.

ADD: 13<sup>th</sup> Floor, Ramaland Building, 952 Rama IV road, Suriyawongse, Bangrak, Bangkok 10500

TEL: +66-2-235-2843 HP: <http://www.kayakuth.co.th>