

Cationic Black CA

NIPPON KAYAKU

«Characteristics»

- Cationic Black CA is a regular basic black dye with good fastness properties.
- In particular, it is a dye that enables dyeing of both fibers to the same color when dyeing acrylic and C.D.P. blended fibers.
- Combination dyeing with Yellow CA, Red CA and Blue CA displays good fastness properties and is recommended for dyeing mixed colors of acrylic and C.D.P. blended fibers with both acrylic and C.D.P. displaying the same mixed color when dyeing.

«Remarks»

- Do not mix with anionic dyes and anionic agents.

☆Color Fastness (C.D.P. 100% ; High-temperature dyeing)

Dyeing depth	Fastness							Staining on Polyester
	Light		Heat		Washing (ISO Test 3 : 60°C)		Chlorinated Water 100ppm	
	ISO	AATCC	180°C×1min.	190°C×2min.	Staining on			
				C.D.P.	Wool			
3.0%	5-6	4 ↑	4-5	4	4-5	4-5	4-5	4

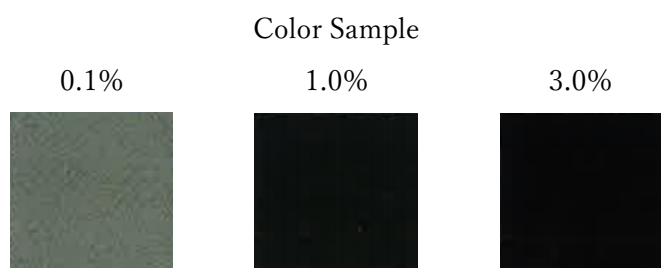
Light : ISO 105-B02, AATCC 16 2003 (Xenon-arc) Heat : Heat-Setting machine (180°C×1min., 190°C×2min.)

Washing : ISO 105-C10 Test 3 (Staining on C.D.P. and Wool)

Chlorinated Water : ISO 105-C10 (100ppm, L.R. 100:1, 27°C×60min.)

Staining on Polyester : C.D.P./Polyester(50/50), L.R. 15:1, pH 4.0, G.S. 2g/L, 120°C×60min.

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



%o.w.f.	L*	a*	b*
0.03	68.82	-3.88	2.70
0.1	53.85	-4.28	0.92
0.3	36.26	-3.93	-0.47
1.0	20.02	-1.28	-0.80
3.0	14.29	0.98	-0.85
6.0	14.27	1.12	-0.90

*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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