

KIWALON POLYESTER




ESP SERIES

Three primary colors for dip dyeing (exhaust Dyeing) with less dependency on temp. offering excellent levelness and compatibility.

Substrate Polyester

Dyeing method Dip dyeing (Exhaust Dyeing) method

Temperature · Time 130°Cx40 min.

Name of dyestuff	Color sample	Dyeing depth	Light Fastness (Carbon 20h)		Washing (A-4)		Water		Sublimation	Carrier	pH
			Deep shade	Pale shade	Cotton	Polyamide (Nylon)	Cotton	Polyamide (Nylon)	180°C	Suitability	Dependency
1 Yellow E-SP eco		2.1%	6-7	6	5	3	5	4-5	2-3	◎	A
2 Red E-SP		3.0%	6-7	6-7	5	3	5	4	2-3	◎	A
3 Blue E-SP		1.6%	7-8	7	5	3	5	4	2-3	◎	A

Test Method

Light Fastness (Carbon 20h) : JIS L 0842-1996 Carbon Arc 20h

Washing (A-4) : JIS L 0844-1997 A-4 method

Water(A) : JIS L 0846-1996 A method

Sublimation : JIS L 0879-1996 180°C×30 sec. Polyester

Suitability : Suitability for printing (◎ : Excellent ○ : Good △ : Relatively poor)

: pH Dependency

A : Usable from pH 4 to pH 10

B : Usable from pH 4 to pH 7

C : Usable from pH 4 to pH 5

Notice: Please note that depending on your environment, there are some items and colors that can not be accurately displayed nor printed.