

KP ZOL

VINYL SULFONE TYPE

Dyes with Vinyl sulfone group as reactive group and could be used for various dyeing methods such as dip dyeing, printing, continuous dyeing, cold batch method.

Substrate









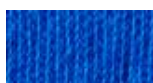





Not Mercerized cotton knit

Dyeing method

Dip dyeing(Exhaust dyeing) Method

Temperature · Time

60°C×60 min.

Name of dyestuff	Color sample	Dyeing depth	Solubility 25°Cg/L	Light Fastness (Carbon 20h)		Washing (A-4)		Water(A)		Chlorine fastness (20ppm)	Perspiration and light JIS Alkali	
				Deep shade	Pale shade	Cotton	Silk	Cotton	Silk			
1	Yellow GL		3.0%	100<	6	5	5	5	5	5	3-4	4
*2	Yellow GN		3.0%	100<	5	4	5	5	5	5	2-3	4
3	Yellow GRN		3.0%	100<	6	4-5	5	5	5	5	1-2	4
4	G. Yellow GG Liq		7.0%	-	5-6	5	5	5	5	5	2	3
5	G. Yellow G		3.0%	100<	6	4-5	5	5	5	5	1	4-5
6	Brill. Orange 3R		3.0%	80.0%	5-6	5	5	4	4-5	4-5	3-4	4
*7	Brill. Red BB 150		2.0%	100<	5	4	5	5	5	5	3	3-4
*8	Brill. Blue BB 133		2.0%	100<	4-5	4-5	5	5	5	5	3	4
9	Blue R-N 150		2.0%	100<	5-6	5-6	5	4-5	5	5	2-3	4-5
10	T. Blue G 150		2.0%	100<	5-6	5	4	5	4-5	5	1-2	4
11	Black B 150		6.0%	100<	4-5	3-4	4-5	4-5	4-5	4-5	2-3	3
12	Black 498 Liq		16.0%	-	5	-	4-5	5	4-5	5	3-4	3-4
*13	Black C-100 Liq		16.0%	-	5	-	4	3-4	4	4-5	4	4
14	Black KMN Liq		16.0%	-	5	-	4-5	5	4-5	5	3-4	3-4

* This dyestuff type can be used for Dip dyeing and Discharge with Rongalit

Test Method	
Light Fastness (Carbon 20h)	: JIS L 0842-1996 Carbon Arc 20h
Washing (A-2)	: JIS L 0844-1997 A-2 method
Water(A)	: JIS L 0846-1996 A Method
Chlorinated water	: JIS L 0884-1996 Effective chlorine 20ppm
Perspiration and Light Fastness(Alkaline)	: JIS L 0888-1998 Alkaline Carbon arc 10h

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