





KP ZOL

BIFUNCTIONAL TYPE

Dyes with Vinyl sulfone group and Monochlorotriazine group as reactive group. This shows good fastness in middle to pale color range.

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 fastness JIS Alkali	
				Deep shade	Pale shade	Cotton	Silk	Cotton	Silk			
1	Yellow KSP 150		2.0%	100<	6	5-6	5	5	5	5	3-4	4
2	Red KSP 150		2.0%	100<	5-6	5	5	5	5	5	4	3
3	Blue KSP 150		2.0%	100<	6	5-6	5	5	5	5	3	4
4	Navy. Blue KSP		4.0%	100<	5-6	5	5	5	5	5	3	3

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 (20ppm) : 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.