

# Segenol Blue RP



- High light fast reactive blue with good perspiration light fastness and weathering fast
- Good Oxidative bleach Fast

### Substrate Suitability

Cotton	S
Viscose	S
Polyester / Cotton Blend	S
Polyester / Viscose Blend	S
Cotton / Elastane Blends	S

### Application method:

#### Exhaust dyeing:

Dyeing Temperature	60°C
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#### Continuous dyeing

Cold Pad Batch	S
Pad-Dry-Pad-Steam	N.A
E-Control	N.A
Pad Steam	N.A
Pad-Dry-Thermofix	N.A

### General properties:

Dischargeability:	ND	
Solubility neutral ( gpl) :	150gpl	
Solubility with 50g/l G. Salt at 50°C :	100 gpl	
Alkali Stability	ASS	Stable
	PLS	Stable
Substantivity	Medium	
Fixation Value	72.00%	
Reactivity	Medium	

### Remarks:-

(Abbreviation: S-Suitable, NS - Not Suitable,

ASS - Alkali + Salt + Stability

PLS - Pad Liquor Stability.

R - Redder,

G - Greener,

RR- Much Redder

L.S -Limited Suitability

N.A - Not Analysed .

Exhaust Dyeing on 100% Cotton  
interlock knit fabric

1.50%(1/2 )



3.00%(1/1)



6.00%(2/1 )



Cold pad-batch on  
mercerised cotton Poplin

15 g/l



30 g/l



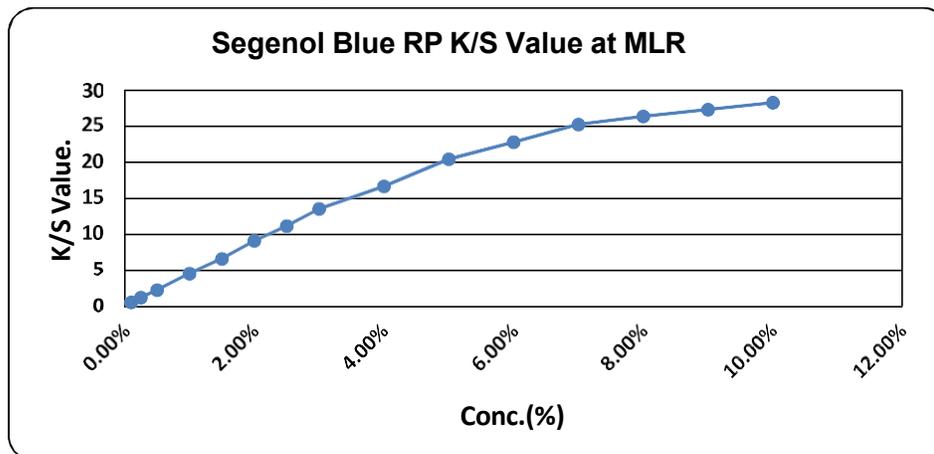
60 g/l



**Fastness Properties:**

Light fastness	1/1.	1/6.	1/12.	1/24.			
Light fastness (ISO 105 B02)- Upto grade 6	6	5--6	5--6	5--6			
Light fastness (AATCC 16, Option 3) 20 AFU	4--5	4--5	4	4			
Light fastness (AATCC 16, Option 3) 40 AFU	4	4	3.5	3.5			
Perspiration light fastness (acidic) (Nike Method)	4	3	3	3			
Perspiration light fastness (alkaline)(Nike Method)	3.5	3.5	3	3			
Fastness to Weathering ISO105B04 (Grade-6)	4	4	4				
Wash &Wet fastness properties.(1/1 SD.)	CS	CA	CO	PA	PES	PAN	WO
Wash fastness (ISO 105 C06, C25, )	4	4--5	4--5	4--5	4--5	4--5	4--5
Wash fastness (ISO 105 C10 C3, 60°C)	4	4--5	4--5	4--5	4--5	4--5	4--5
Wash fastness (AATCC 61 Option 2A,49°C,)	4	4--5	4--5	4--5	4--5	4--5	4--5
Water severeM&S,C6	4--5	4--5	4--5	4--5	4--5	4--5	4--5
Drycleaning M&S,C-5	4	4--5	4--5	4--5	4--5	4--5	4--5
Fastness to Oxidative bleach M&S C-10A	4 --5 On Tone						
Perspiration fastness (M&S C7,Acid)	4--5	4--5	4--5	4--5	4--5	4--5	4--5
Perspiration fastness (M&S C7,Alkaline)	4--5	4--5	4--5	4--5	4--5	4--5	4--5
Fastness to Chlorinated water (ISO 105 E03,20/50 ppm)	3--4/3--4						
Fastness to Hot pressing ISO 105 X-11-T (Immediate, Wet/Dry)	4--5/4--5						
Fastness to Hot pressing ISO 105 X-11-T (After 4hrs., Wet/Dry)	4--5/4--5		4	Damp-4--5			
Fastness to Burnt gas fumes (ISO 105 G02:1993,1 &3 cycles)	3/2--3						
Crocking Fastness (ISO 105 X12,Dry/Wet )	4--5/3						
Hypochlorite bleaching ISO 105 N01 : 1993	4						
Fastness to Peroxide bleaching ISO 105 N02:1993	4		4--5	Viscose-4--5			
Colour fastness to Saliva & Perspiration Part-1 Saliva	5						
LF BG B82 10:1 Part -2 -Perspiration	5						
Shade change after Resin finish.	Greener Yellower						

- Build up property** ( Cotton Knits Interlock Un-mercerised bleached fabric)

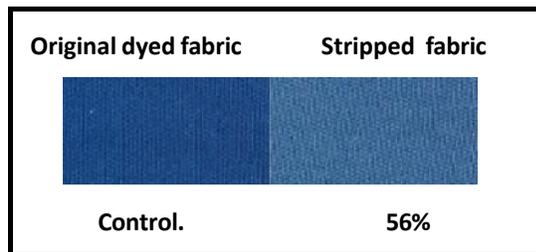


**% Stripping with recommended Recipe :**

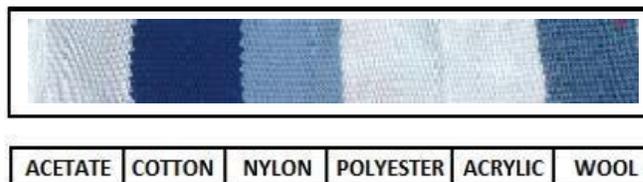
**Stripping Method :**

Caustic Soda 32.5%	10.-15	ml/l
Hydrosuphite Conc	5	g/l

Heat from 60°C to 90°C in 15 min. hold for 30 min. at 90°C, then rinse neutralisation with Acidic acid (pH 5.5) at Room Temp followed by warm and cold wash



**Cross staining on other components of blends in one bath dyeing :**



(This information provided is in good faith, to the best of our knowledge and without liabilities)