

# Segenol Blue RFT



- Reactive Blue for Shading component in trichromatic combination.
- Good build-up properties

## 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
--	--------------------	------

### Continuous dyeing

	Cold Pad Batch	S
	Pad-Dry-Pad-Steam	S
	E-Control	S
	Pad Steam	S
	Pad-Dry-Thermofix	L.S

## General properties:

Dischargeability:	ND	
Solubility neutral ( gpl ) :	100 gpl	
Solubility with 50g/l G. Salt at 50°C :	80gpl	
Alkali Stability	ASS	Stable
	PLS	Stable
Substantivity	Medium	
Fixation Value	83.09%	
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 - Low Suitability

Exhaust Dyeing on 100% Cotton  
interlock knit fabric

1.67%(1/2 )



3.34 %(1/1)



6.68%(2/1 )



Cold pad-batch on  
mercerised cotton poplin



16 g/l



33.4 g/l

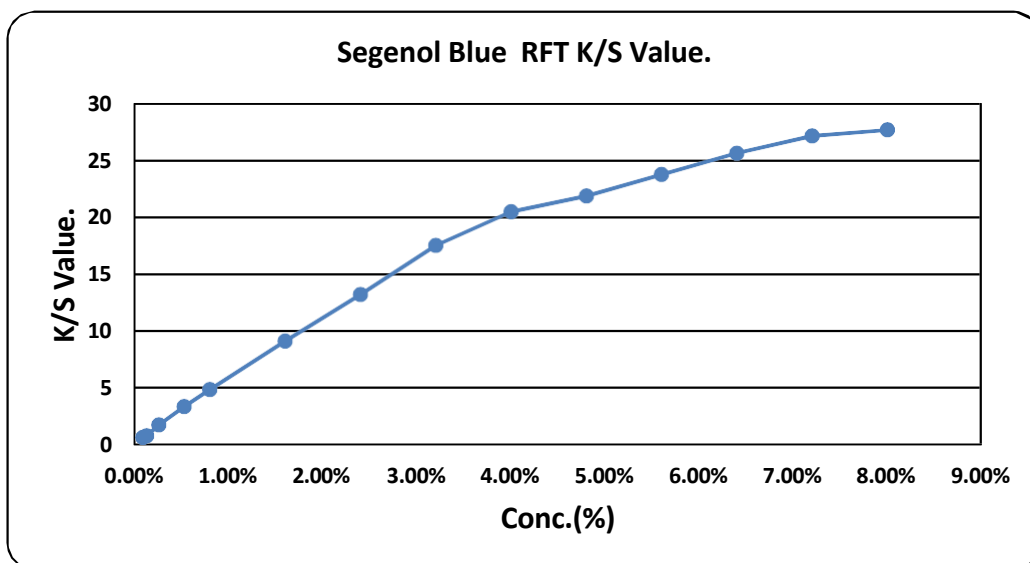


66.8 g/l

### Fastness Properties:

Light fastness	1/1.	1/6.					
● Light fastness (ISO 105 B02)- Upto grade 6	4	2					
● Light fastness (AATCC 16, Option 3) 20 AFU	4	2.5					
● Light fastness (AATCC 16, Option 3) 40 AFU	3.5	1.5					
● Perspiration light fastness (acidic) (Nike Method)	NA	NA					
● Perspiration light fastness (alkaline)(Nike Method)	3.5	1.5					
Wash &Wet fastness properties	CS	CA	CO	PA	PES	PAN	WO
● Wash fastness (ISO 105 C06, C2S, )	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--5	4--5	4--5	4--5	4--5	4--5	4--5
● Fastness to Oxidative bleach M&S C-10A	2-off 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 ppm)	3--4						
● Fastness to Hot pressing ISO 105 X-11-T (immediate)	4/4--5						
● Fastness to Hot pressing ISO 105 X-11-T (after 4hrs)	4/4--5						
● Fastness to Burnt gas fumes (ISO 105 G02:1993) (1 &3 cycles)	4.5						
● Crocking Fastness (ISO 105 X12, Dry/Wet)	4--5/3						
● Hypochlorite bleaching ISO 105 N01 : 1993	1						
● Fastness to Peroxide bleaching ISO 105 N02:1993	4--5						
● Shade change after Resin finish.	Redder bluer.						

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

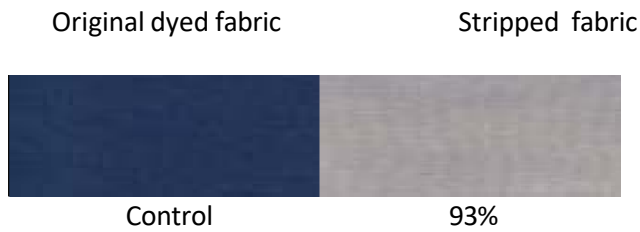


**% Stripping with recommended Recipe :**

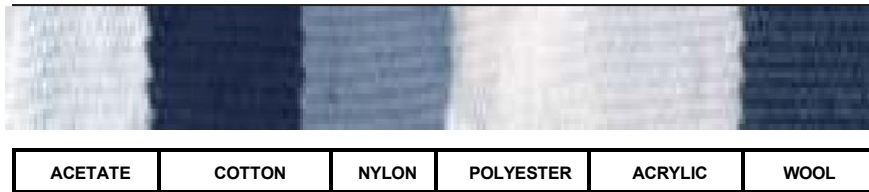
**Stripping Method :**

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)