

Segenol Fast Red RP



- Reactive Bluish Red with good Weathering & Oxidative Bleach fastness properties.
- Non Dischargeable.

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	L.S
	E-Control	S
	Pad Steam	L.S
	Pad-Dry-Thermofix	N.A

General properties:

Dischargeability:		ND
Solubility neutral (gpl) :		100gpl
Solubility with 50g/l G. Salt at 50°C :		80 gpl
Alkali Stability	ASS	Stable
	PLS	Stable
Substantivity		Medium
Fixation Value		80.56%
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%(1/2)



2.0%(1/1)



4.0%(2/1)



Cold pad-batch on mercerised cotton Poplin

10 g/l



20 g/l



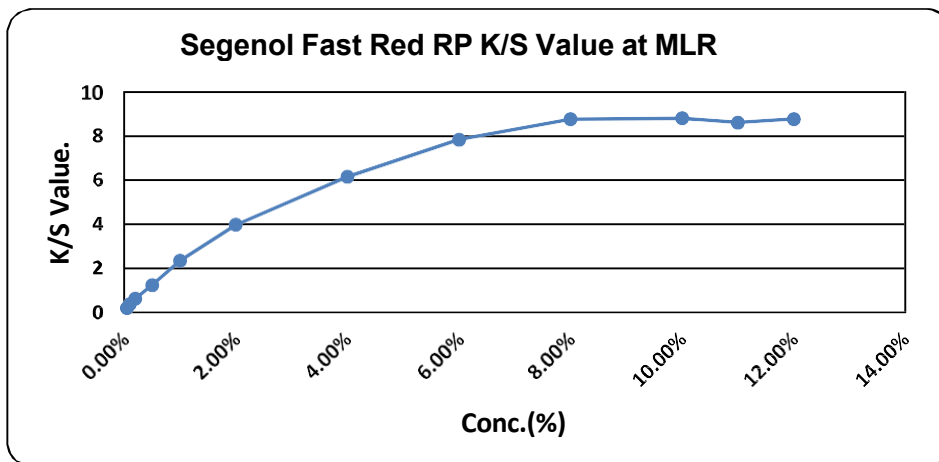
40 g/l



Fastness Properties:

Light fastness	1/1.	1/6.	1/12.	1/24.			
● Light fastness (ISO 105 B02)- Upto grade 6	6	5	5	5			
● Light fastness (AATCC 16, Option 3) 20 AFU	4.5	4	3.5	3.5			
● Light fastness (AATCC 16, Option 3) 40 AFU	4	3.5	3	3			
● Perspiration light fastness (acidic) (Nike Method)	4.5	3.5	3.5	3.5			
● Perspiration light fastness (alkaline)(Nike Method)	4	3.5	3	3			
● Colour fastness to wet light M&S C9A-2015	4--5 On Tone	4--5 On Tone	4--5 On Tone	4--5 On Tone			
● Fastness to Weathering ISO105B04 (Grade-6)	6	5--6	5	3--4			
● Wash &Wet fastness properties.(1/1 SD. 2.0%)	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	4--5	4--5	4--5	4--5	4--5	4--5
● Fastness to Oxidative bleach M&S C-10A	4 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		DAMP-4-5				
● Fastness to Burnt gas fumes (ISO 105 G02:1993,1 &3 cycles)	4--5/4						
● Crocking Fastness (ISO 105 X12,Dry/Wet)	4--5/3--4						
● Hypochlorite bleaching ISO 105 N01 : 1993	4						
● Fastness to Peroxide bleaching ISO 105 N02:1993	4		4--5	4-5 VISCOSE			
● Colour fastness to Saliva & Perspiration Part-1 Saliva	5						
● LF BG B82 10:1 Part -2 -Perspiration	5						
● Shade change after Resin finish.	Greener Bluer duller.						

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

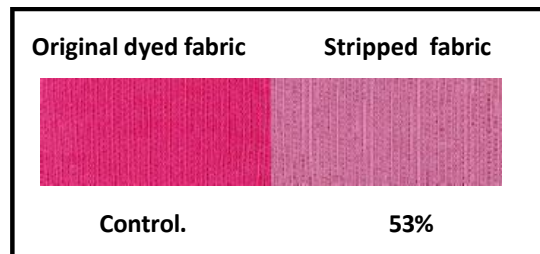


% Stripping with recommended Recipe :

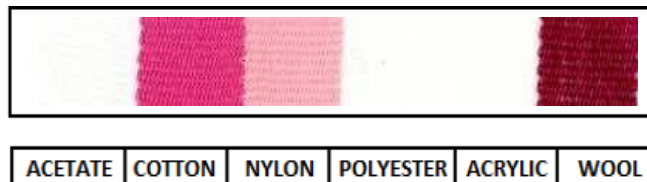
Stripping Method :

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)