

Segenol Red RP-N



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

General properties:

Dischargeability:		ND
Solubility neutral (gpl) :		100gpl
Solubility with 50g/l G. Salt at 50°C :		40 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

2.60%(1/2)



5.20%(1/1)



10.40%(2/1)



Cold pad-batch on
mercerised cotton Poplin



26 g/l



52 g/l



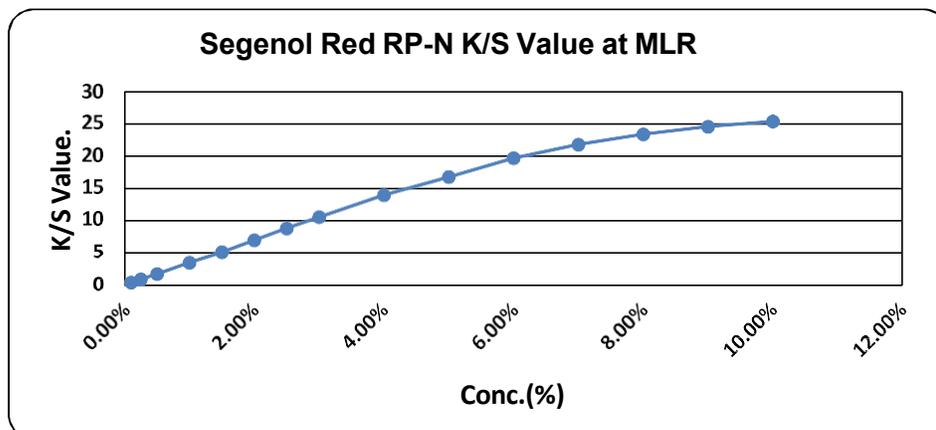
104 g/l



Fastness Properties:

Light fastness	1/1.	1/6.	1/12.	1/24.			
Light fastness (ISO 105 B02)- Upto grade 6	4	3--4	3--4	3--4			
Light fastness (AATCC 16, Option 3) 20 AFU	4--5	4	4	3.5			
Light fastness (AATCC 16, Option 3) 40 AFU	4	3	3	3			
Perspiration light fastness (acidic) (Nike Method)	3.5	3	3	3			
Perspiration light fastness (alkaline)(Nike Method)	3	2.5	2.5	2.5			
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 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)	4/3--4						
Fastness to Hot pressing ISO 105 X-11-T (immediate, Wet/Dry)	4/4.						
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						
Crocking Fastness (ISO 105 X12,Dry/Wet)	4--5/2--3						
Hypochlorite bleaching ISO 105 N01 : 1993	2--3						
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 bluer duller						

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



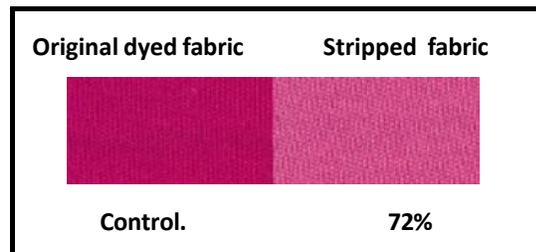
% Stripping with recommended Recipe :

Stripping Method :

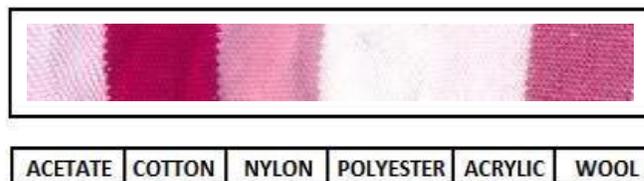
Caustic Soda 32.5%
Hydrosuphite Conc

10.-15 ml/l
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)