

# Segenol Orange SD-3R



- Orange with good build-up.trichromatic component for deep shades.
- 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	S
	E-Control	S
	Pad Steam	L.S
	Pad-Dry-Thermofix	L.S

## General properties:

Dischargeability:	D	
Solubility neutral ( gpl) :	120gpl	
Solubility with 50g/l G. Salt at 50°C :	50 gpl	
Alkali Stability	ASS	Stable
	PLS	Stable
Substantivity	Medium	
Fixation Value	78.34%	
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

Exhaust Dyeing on 100% Cotton  
interlock knit fabric

0.75%(1/2 )



1.50%(1/1)



3.00%(2/1 )



Cold pad-batch on  
mercerised cotton poplin

7.5 g/l



15 g/l



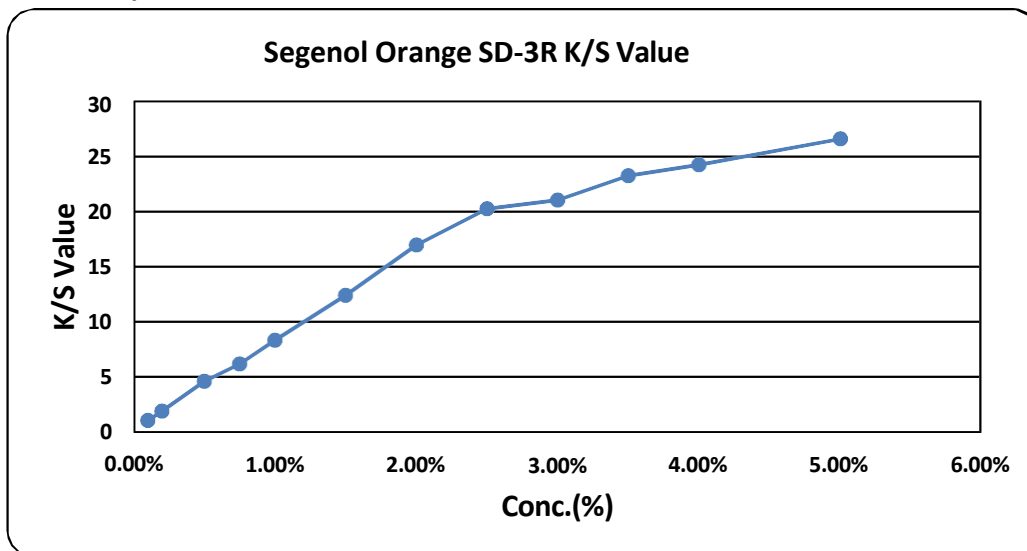
30 g/l

### Fastness Properties:

Light fastness	1/1.	1/6.					
● Light fastness (ISO 105 B02)- Upto grade 6	5--6	3--4					
● Light fastness (AATCC 16, Option 3) 20 AFU	4--5	4--5					
● Light fastness (AATCC 16, Option 3) 40 AFU	4	4					
● Perspiration light fastness (acidic) (Nike Method)	NA						
● Perspiration light fastness (alkaline)(Nike Method)	4--5	4--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 severe M&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	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 ppm)	4						
● Fastness to Hot pressing ISO 105 X-11-T (immediate)	4--5/4--5						
● Fastness to Hot pressing ISO 105 X-11-T (after 4hrs)	4--5/4--5						
● Fastness to Burnt gas fumes (ISO 105 G02:1993) (1 &3 cycles)	4						
● 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						
● Shade change after resin finish.	Much Greener bluer.						

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

● **Product performance**



**% Stripping with recommended Recipe :**

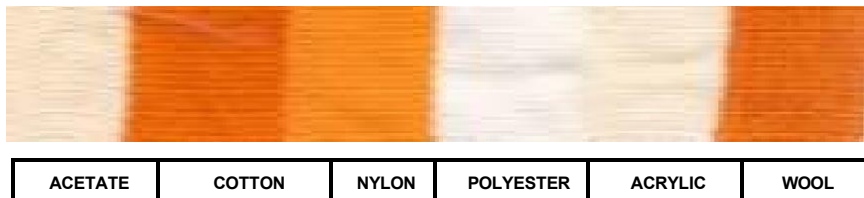
**Stripping Method :**

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)