

Segenol Yellow SX



- Trichromatic G.Yellow to be used with Segenol Red SX and Segenol Blue MERL
- 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	
Pad Steam	
Pad-Dry-Thermofix	

General properties:

Dischargeability:	D	
Solubility neutral (gpl) :	130gpl	
Solubility with 50g/l G. Salt at 50 ⁰ C :	60gpl	
Alkali Stability	ASS	Stable
	PLS	Stable
Substantivity	Medium	
Fixation Value	62.00%	
Reactivity	Medium	

Remarks:-

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

ASS - Alkali + Salt + Stability

PLS - Pad Liquor Stability.

R - Redder,

G - Greener,

RR- Much Redder

Exhaust Dyeing on 100% Cotton interlock knit fabric

1.75%



3.50%



7.00%



Cold pad-batch on Mercerised cotton poplin

17.5g/l



35 g/l

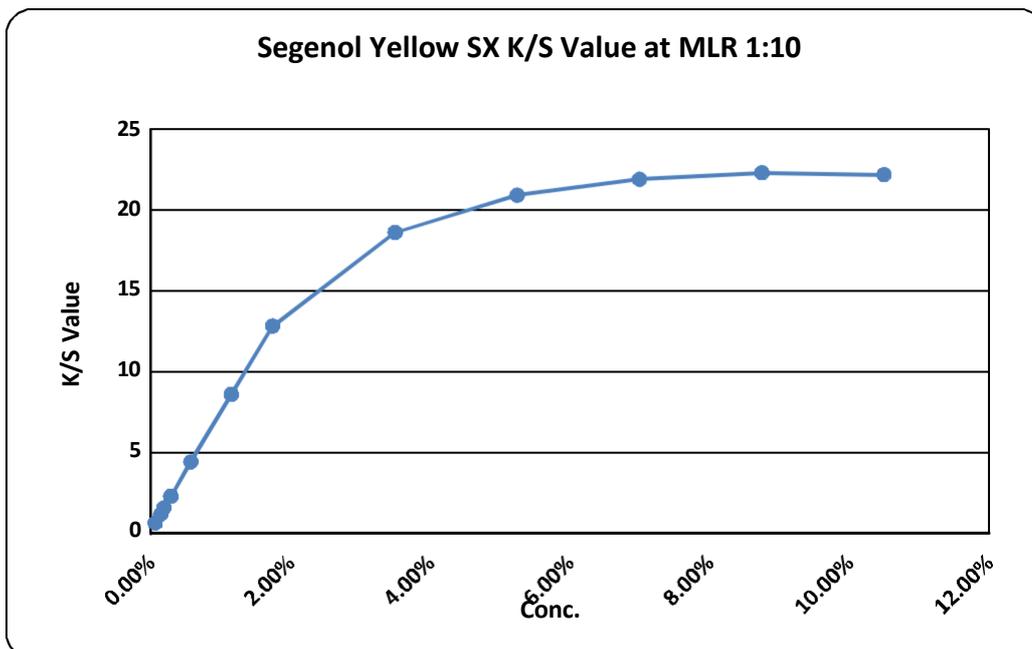


70g/l

Fastness Properties:

Light fastness	1/1.	1/6.					
● Light fastness (ISO 105 B02)- Upto grade 6	6	5-- 6					
● Light fastness (AATCC 16, Option 3) 20 AFU	4.5	4.5					
● Light fastness (AATCC 16, Option 3) 40 AFU	NA	NA					
● Perspiration light fastness (acidic) (Nike Method)	NA	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 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	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)	3--4						
● Fastness to Hot pressing ISO 105 X-11-T (immediate ,Wet/Dry)	NA						
● Fastness to Hot pressing ISO 105 X-11-T (after 4hrs,Wet/Dry)	NA						
● Fastness to Burnt gas fumes (ISO 105 G02:1993,1 cycles)	4						
● Crocking Fastness (ISO 105 X12, Dry/Wet)	3-- 4/3						
● Hypochlorite bleaching ISO 105 N01 : 1993	4						
● Fastness to Peroxide bleaching ISO 105 N02:1993	4						
● Shade change after Resin Finishing	Bluer greener.						

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

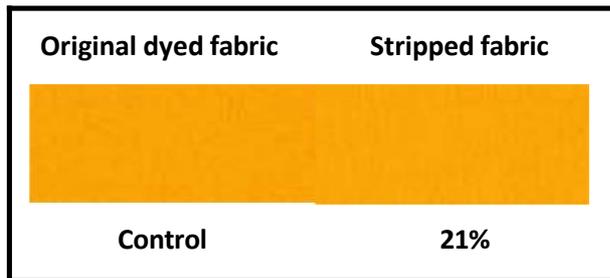


% Stripping with recommended Recipe :

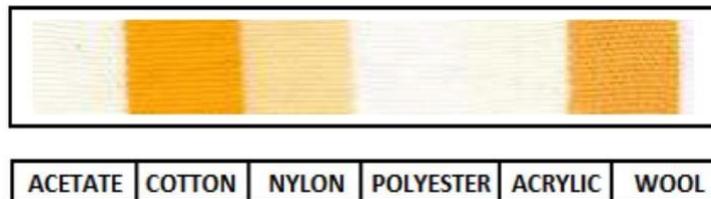
Stripping Method :

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

Heat from 60⁰C to 90⁰C in 15 min. hold for 30 min. at 90⁰C, 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)