

Segenol Space X-RFT (Grains)



• Special Navy for excellent on tone build-up with Segenol Yellow X-RFT & Segenol Cherry X-RFT.

• Excellent on tone effect in ternary shades like olive & grey.

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	S
--------------------	------	---

Continuous dyeing

	Cold Pad Batch	S
	Pad-Dry-Pad-Steam	S
	E-Control	S
	Pad Steam	N.A
	Pad-Dry-Thermofix	N.A

General properties:

Dischargeability:	ND	
Solubility neutral (gpl) :	140gpl	
Solubility with 50g/l G. Salt at 50°C :	100gpl	
Alkali Stability	ASS	Stable
	PLS	Stable
Substantivity	Medium	
Fixation Value	78.00%	
Reactivity	Medium	

Remarks:-

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

ASS - Alkali + Salt + Stability

PLS - Pad Liquor Stability.

R - Redder,

G - Greener,

RR- Much Redder

LS-Limited Suitability

N.A -Not Analysed

L.Y - LYOCELL

Exhaust Dyeing on 100% Cotton
interlock knit fabric

0.75%(1/2)



1.50 %(1/1)



3.00%(2/1)

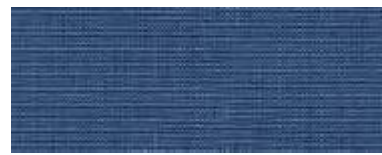


Cold pad-batch on
mercerised cotton Poplin

7.5 g/l



15.0 g/l



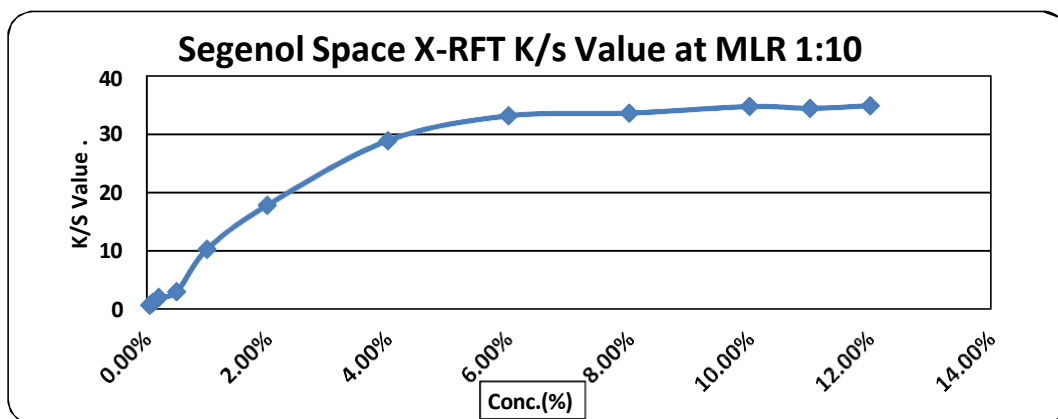
30.0 g/l



Fastness Properties:

Light fastness	1/1.	1/6.					
● Light fastness (AATCC 16.3:2014) 20 AFU	3.5	2.5					
● Light fastness (AATCC 16.3:2014) 40 AFU	2.5	3					
● Light fastness (ISO 105 B02)- Upto grade 6	3--4	3--4					
● Light fastness (M&S C9:2015 -Up to Grade -4)	3-4 On-tone	3 On-tone					
● Wet Light fastness (M&S C9A - 2015- Change in Shade)	4-5 On tone	4-5 On tone					
● Weathering Test ISO105B04:1994 (Grade-6,Blue wool Rating)	4	4					
● ISO105E04 + ISO105B02 (Nike Method)							
Perspiration light fastness (Acidic/ Colour Change)	3	2.5					
Perspiration light fastness (alkaline/Colour Change)	3	2.5					
● Fastness properties.(1/1 SD. 1.50%)	Colour Staining on						
	CS	CA	CO	PA	PES	PAN	WO
● Home Laundry /Washing 60°C (ISO 105 C-06, 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
● washing at 95°C(ISO105-C10:D4:2006)	4	4--5	4	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
● Perborate washing / M &S C-4A 60°C:2007	4	4 L.Y	4--5	4--5	4--5	4--5	4--5
● Drycleaning M&S,C-5:2004	4	4--5 L.Y	4--5	4--5	4--5	4--5	4--5
● Water severe Fastness M&S, C6:2014	4--5	4--5 L.Y	4--5	4--5	4--5	4--5	4--5
● Perspiration fastness (M&S C7:2014 ,Acid)	4--5	4--5 L.Y	4--5	4--5	4--5	4--5	4--5
● Perspiration fastness (M&S C7:2014 ,Alkaline)	4--5	4--5 L.Y	4--5	4--5	4--5	4--5	4--5
● Fastness to Oxidative bleach M&S C-10A	4--5 On tone						
● Fastness to Chlorinated water (ISO 105 E03,20/50 ppm)	3--4/3						
● Fastness to Hot pressing ISO 105 X-11-T (immediate, Wet/Dry)	4--5/4--5		Damp- 4--5				
● Fastness to Hot pressing ISO 105 X-11-T (after 4hrs , Wet/Dry)	4--5/4--5		4				
● 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						
● Hypochlorite bleaching ISO 105 N01 : 1993	3						
● Fastness to Peroxide bleaching ISO 105 N02:1993	4		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.	Slightly Greener.						

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

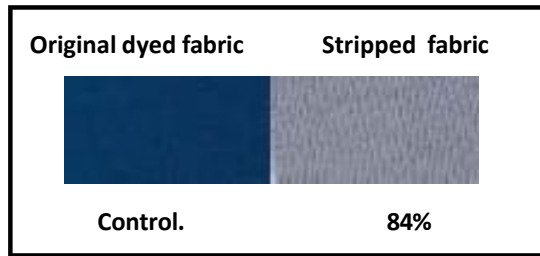


% Stripping with recommended Recipe :

Stripping Method :

Caustic Soda 32.5%	10.-15	ml/l	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)