

Segenol Orange ME2RN



- Reactive Bright Orange with good fastness profile.

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	S
	Pad-Dry-Thermofix	S

General properties:

Dischargeability:	ND	
Solubility neutral (gpl) :	70 gpl	
Solubility with 50g/l G. Salt at 50 ⁰ C :	50 gpl	
Alkali Stability	ASS	Stable
	PLS	Stable
Substantivity	High	
Fixation Value	64.11%	
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

0.90 %(1/2)



1.80%(1/1)



3.60 %(2/1)



Cold pad-batch on mercerised cotton poplin

9 g/l



18 g/l

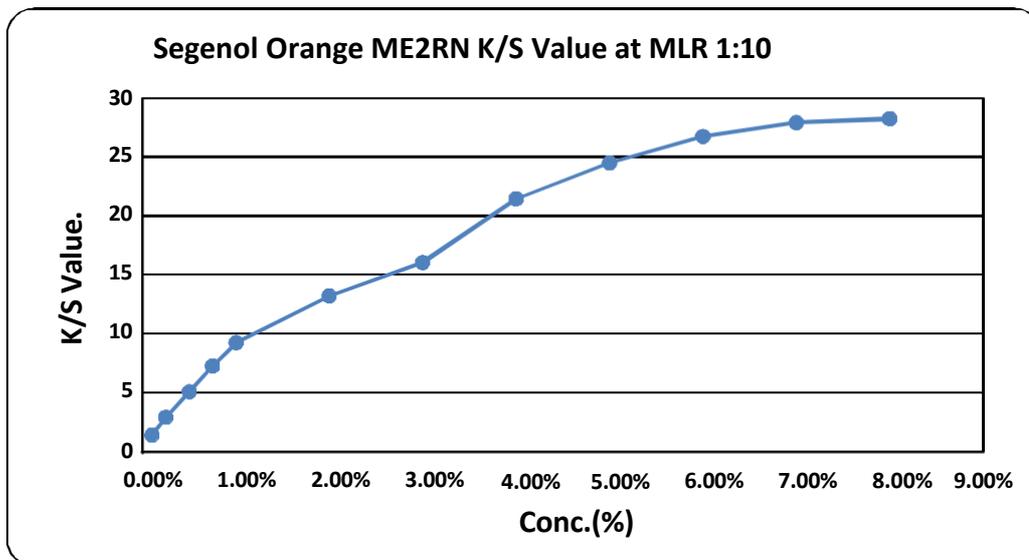


36 g/l

Fastness Properties:

Light fastness	1/1.	1/6.					
● Light fastness (ISO 105 B02)- Upto grade 6	4	2-- 3					
● Light fastness (AATCC 16, Option 3) 20 AFU	3.5	2.5					
● Light fastness (AATCC 16, Option 3) 40 AFU	NA						
● Perspiration light fastness (acidic) (Nike Method)	NA						
● Perspiration light fastness (alkaline)(Nike Method)	3.5	2.5					
Wash &Wet fastness properties. (1/1 SD.)	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	4-- 5	4-- 5	4-- 5	4-- 5
● Water severe M&S,C6	4--5	4-- 5	4	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--5 On tone						
● Perspiration fastness (M&S C7,Acid)	4--5	4-- 5	4	4-- 5	4-- 5	4-- 5	4-- 5
● Perspiration fastness (M&S C7,Alkaline)	4--5	4-- 5	4	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 ,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)	4-- 5/3						
● Hypochlorite bleaching ISO 105 N01 : 1993	3--4						
● Fastness to Peroxide bleaching ISO 105 N02:1993	4						
● Shade change after Resin finish.	Much Bluer Greener .						

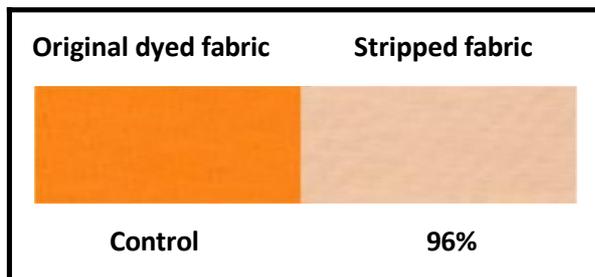
- **Build up property** (Cotton Knits Interlock Un-mercerised bleached fabric)



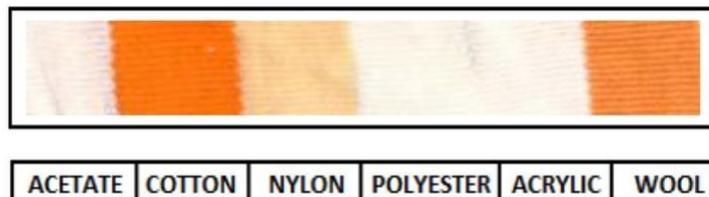
% Stripping with recommended Recipe : Stripping Method :

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)