

# Segenol Red ME2G



- Reactive Bright Red with moderate light fastness.
- 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	S
	Pad-Dry-Thermofix	S

### General properties:

Dischargeability:	D	
Solubility neutral ( gpl) :	100gpl	
Solubility with 50g/l G. Salt at 50°C :	65 gpl	
Alkali Stability	ASS	Stable
	PLS	Stable
Substantivity	Medium	
Fixation Value	60.00%	
Reactivity	Medium	

### Remarks:-

(Abbreviation: S-Suitable, NS - Not Suitable,  
 ASS - Alkali + Salt + Stability  
 PLS - Pad Liquor Stability.  
 R - Redder,  
 G - Greener,  
 RR- Much Redder  
 L.S -Limited Suitability

Exhaust Dyeing on 100% Cotton  
 interlock knit fabric

2.5%(1/2)



5.0%(1/1)



10%(2/1)



Cold pad-batch on  
 mercerised cotton Poplin

25 gpl



50 gpl

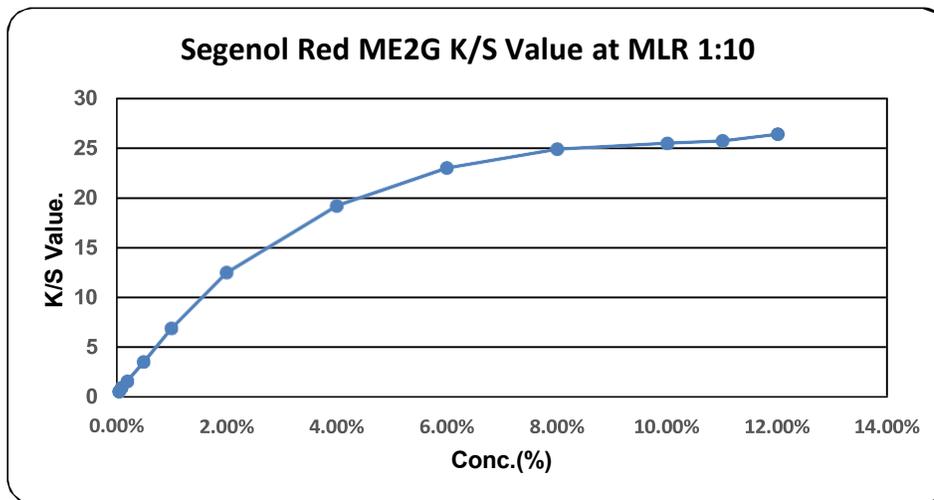


100 gpl

**Fastness Properties:**

Light fastness	1/1.	1/6.	1/12.				
● Light fastness (ISO 105 B02)- Upto grade 4	4	4	4				
● Light fastness (AATCC 16, Option 3) 20 AFU	4	4	3.5				
● Light fastness (AATCC 16, Option 3) 40 AFU	3.5	3.5	3				
● Perspiration light fastness (acidic) (Nike Method)	3.5	3	3				
● Perspiration light fastness (alkaline)(Nike Method)	3.5	3	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	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 severeM&S,C6	4--5	4--5	4	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	3--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	4--5	4--5	4--5	4--5
● Fastness to Chlorinated water (ISO 105 E03) (20 ppm/50 ppm)	4--5/4						
● Fastness to Hot pressing ISO 105 X-11-T (immediate,Wet/Dry)	4--5/4--5						
● Fastness to Hot pressing ISO 105 X-11-T (after 4hrs,Wet/Dry)	4--5/4--5		4--5- Damp				
● Fastness to Burnt gas fumes (ISO 105 G02:1993) (1 &3 cycles)	4--5/4						
● Crocking Fastness (ISO 105 X12, Dry/Wet)	4/2--3						
● Hypochlorite bleaching ISO 105 N01 : 1993	3--4						
● Fastness to Peroxide bleaching ISO 105 N02:1993	4		3--4				
● Shade change after Resin finish.	Bluer Brighter						

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

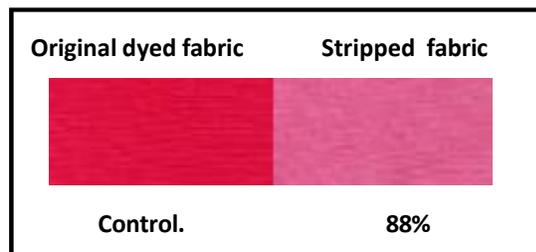


**% Stripping with recommended Recipe :**

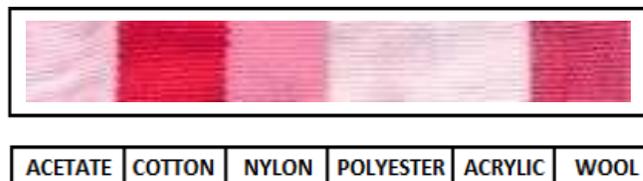
**Stripping Method :**

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

Heat from 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)