

Segenol Scarlet ME2G



- Reactive Bright Scarlet with good Perspiration light fastness.
- Not 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	N.A
E-Control	N.A
Pad Steam	N.A
Pad-Dry-Thermofix	N.A

General properties:

Dischargeability:	ND	
Solubility neutral (gpl) :	200gpl	
Solubility with 50g/l G. Salt at 50°C :	165gpl	
Alkali Stability	ASS	Stable
	PLS	Stable
Substantivity	Medium	
Fixation Value	75.93%	
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

N.A -Not Analysed

Exhaust Dyeing on 100% Cotton
interlock knit fabric

0.93%(1/2)



1.86 %(1/1)



3.72%(2/1)



Cold pad-batch on
mercerised cotton Poplin

9.3 g/l



18.6g/l

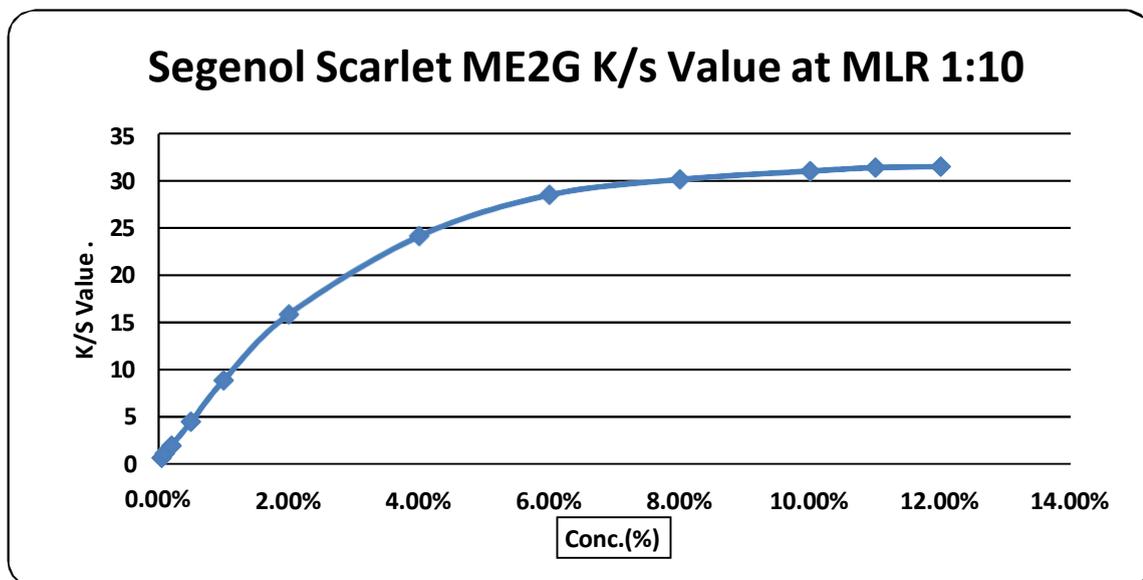


37.2 g/l

Fastness Properties:

Light fastness	1/1.	1/6.					
● Light fastness (ISO 105 B02)- Upto grade 6	5--6	4--5					
● Light fastness (AATCC 16, Option 3) 20 AFU	4	3					
● Light fastness (AATCC 16, Option 3) 40 AFU	3	2.5					
● Perspiration light fastness (acidic) (Nike Method)	4	4					
● Perspiration light fastness (alkaline)(Nike Method)	4	3.5					
Wash & Wet fastness properties.(1/1 SD.)	CS	CA	CO	PA	PES	PAN	WO
● Wash fastness (ISO 105 C06, C2S,)	4	4--5	3	4--5	4--5	4--5	4 Vis.
● Wash fastness (ISO 105 C10 C3, 60°C)	4	4--5	3	4--5	4--5	4--5	4--5
● Wash fastness (AATCC 61 Option 2A,49°C,)	4	4.5	3	4.5	4.5	4.5	4.5
● Water severe M&S,C6	4--5	4 LY	3	2--3	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	4 On tone						
● Perspiration fastness (M&S C7,Acid)	4--5	4--5	4	4	4--5	4--5	4--5
● Perspiration fastness (M&S C7,Alkaline)	4--5	4	3--4	4--5	4--5	4--5	4--5
● Fastness to Chlorinated water (ISO 105 E03,20/50 ppm)	4--5/4						
● Fastness to Hot pressing ISO 105 X-11-T (immediate, Wet/Dry)	4--5/4--5			Damp- 3--4			
● Fastness to Hot pressing ISO 105 X-11-T (after 4hrs , Wet/Dry)	4--5/4--5		3				
● Fastness to Burnt gas fumes (ISO 105 G02:1993,1 &3 cycles)	4/4.						
● 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	3--4		3				
● Shade change after Resin finish.	Much 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)