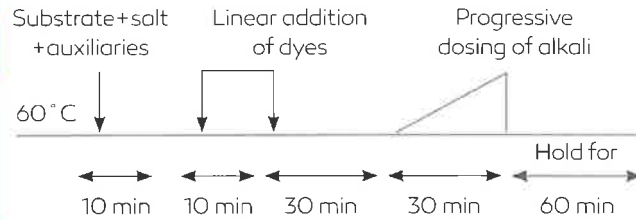


Segenol HL

Dyeing : Exhaust



Exhaust dyeing salt-soda ash recommendation :

	Segenol HL	%	< 0,5	0,5	1	2	3	4	>5
Ratio>1:8	Glauber Salt	gpl	39	52	65	78	90	100	100
	Soda ash	gpl	11	13	16	18	20	20	20
Ratio≤1:8	Glauber Salt	gpl	26	39	52	65	78	90	100
	Soda ash	gpl	13	16	18	20	20	20	20

Cold Pad Batch Dyeing using Sodium Silicate and Caustic soda :

Pad Bact Boyamada Silikat ve Kostik Miktarları

Dye	<10	20	30	40	50	60	70-100	gpl
Sodium Silicate (38-40 Bé)	70	70	70	70	70	70	70	ml/l
Caustic soda (36 Bé)	4	6	8	10	12	14	16	ml/l

SÖZAL

KOSAB Güvenli Sokak No.7
Kestel / Bursa / Türkiye
T: +90 224 331 51 53 - 54 - 55
F: +90 224 331 51 59
www.sozal.com.tr

Segenol HL

Fluoro triazine high light fast reactivities dyes for reproduction of vibrant pastel hues from nature on cotton

SÖZAL

Segenol HL Dyes for warm dyeing		
		Shade
Shade Depth (1/1 S/D)		
Solubility Neutral g/l		
Process Suitability	Exhaust (Dyeing at 60 °C)	
	CPB	
	Pad - Dry- Pad- Steam	
	Pad -Air- Steam	
Light Fastness at 1/1 SD	ISO 105 B02 (up to grade 6)	
	AATCC 16E 20 AFU	
	AATCC 16E 40 AFU	
	M & S C9	
	M & S C9A	
	Nike Perspiration (Alkaline)	
	Nike Perspiration (Acidic) Light Fastness	
Fastness to Washing	ISO 105 C03 (At 60 °C)	CS/SC
	ISO 105 C04 (At 95 °C)	CS/SC
	AATCC 61- 2A	CS/SC
	Home Laundering ISO 105 C 06 - C2S	CS/SC
	Water Severe M & S C6	CS/SC
Fastness to Perspiration	M & S C/7 (Acidic)	CS/SC
	M & S C/7 (Alkaline)	CS/SC
	Fastness to Oxidative Bleach M & S C10A	CS
	Fastness to Hypochlorite bleaching ISO 105 NO1	CS
	Fastness to Peroxide bleaching ISO 105 NO2	CS
Fastness to Chlorinated Water	ISO 105 E03 (20 ppm)	CS
	ISO 105 E03 (50 ppm)	CS
Rubbing Fastness	Dry Rubbing ISO 105 x 12	
	Wet Rubbing ISO 105 x 12	
	Dischargeability	

Golden Yellow HL- NP	Red HL-2B	Red HL-3G	Blue HL-R
			
2.4%	4.0%	1.3%	3.8%
200 g/l	85 g/l	100 g/l	200 g/l
+	+	+	+
+	+	+	+
+	+	+	+
+	+	+	+
6+	6+	5	6
5+	4-5	5	5
4-5	4-5	4	4-5
4 On tone	4+ On tone	4-5 On tone	4 On tone
4-5 On tone	4-5 On tone	5 On tone	4-5 On tone
4/4	4/4	4-5/4-5	4/4
4/4-5	4/4-5	4/4-5	4/4-5
4/4-5	4/4-5	4/4	4/3-4
4/4-5	4/4-5	4/4-5	4/4-5
4/4-5	4/4-5	4/4-5	4/4-5
4/4-5	4/4-5	4/4-5	4/4-5
4/4-5	4/4-5	4/4-5	4/4-5
4/4-5	4/4-5	4/4-5	4/4-5
4 On tone	4-5 On tone	4-5 On tone	4 On tone
4	2	2	4
4	4-5	4	4
4	4	4-5	4-5
3-4	3	4	4-5
4-5	4-5	4-5	4-5
4-5	4-5	4-5	4-5
D	D	D	D