

Levasol Deep Black CER 150%

Short Profile

- Black with highest color strength and excellent build-up for economic deep black shades.

Substrate Suitability :

Polyamide	M
Wool	S
Silk	S

General properties:

Solubility at 90°C (g/l)	100
Dischargeability (Zn Sulfoxylate Formaldehyde)	2-3

Shade change under article light:

D65	Inc A	F11 (TL 84)
Control	Tr.Redder	Tr.Greenar

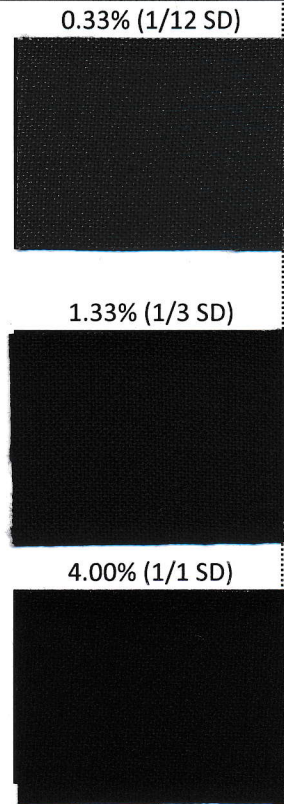
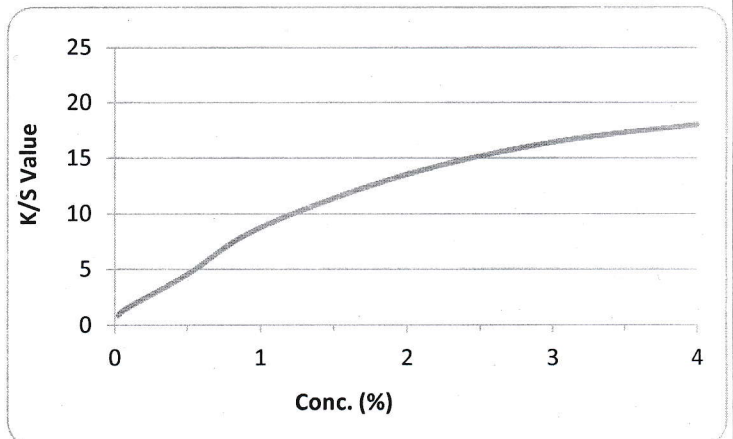
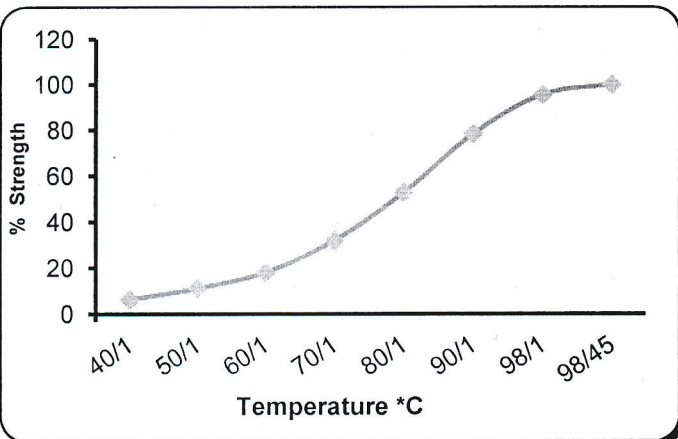
Cross staining on other components of blends in one bath dyeing :



ACETATE	COTTON	NYLON	POLYESTER	ACRYLIC	WOOL
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Exhaustion Fixation :

Saturation Curve:



(Exhaust Dyeing on Wool fabric at 98°C for 45 min pH 4 with Formic Acid)

(This information is provided in good faith, to the best of our knowledge and without liability)

Fastness Properties Details

Levasol Deep Black CER 150%	Wool Fabric			
Light Fastness Shade depth	1/12	1/6	1/3	1/1
Light fastness (ISO 105 B02)- Upto grade 6	2.3	3	4	5.6
Light fastness (AATCC 16E) 20 AFU	2.5	3.5	4	4.5
Light fastness (AATCC 16E) 40 AFU	2	2	3	4

Wet Fastness properties on 1/1 SD	SC	WO	PA	CO
Wash fastness (ISO 105 C10 - B) (50°C)	4.5	4.5	4.5	4.5
Wash fastness (ISO 105 C10 - C) (60°C)	4.5	4.5	4.5	4.5
Wash fastness (AATCC 61 Option 2A) (49°C)	4.5	4.5	4.5	4
Home laundry ISO 105 C06 B2S (50°C)	4.5	4.5	4.5	4
Fastness to Hot water (ISO 105 E08) (70°C)	4	4	*	4.5
Fastness to Sea Water (ISO 105 E02)	4.5	4.5	4.5	3.4
Water Fastness Sever (ISO 105 E01)	4.5	4.5	4.5	4.5
Perspiration fastness (ISO 105 E04)	Acidic	4.5	4.5	4
	Alkaline	4.5	4	3.4
Fastness to alkaline milling, sever ISO 105- E012	4.5	4.5	4.5	4.5
Fastness to acid millingmild ISO 105- E014	4.5	4.5	4.5	4.5
Fastness to cross - dyeing acetic acid ISO 105 E07	4	3	*	4-5
Shampoo Fastness woolmarkTM233	4.5	4.5	4.5	4
Fastness to Potting ISO 105 E09	4	3.4	*	4-5
Fastness to chlorination acid ISO 105 X03	3.4	4.5	4.5	4.5

Fastness to ISO 105 XE02 carbonizing (COS)	4	neutralized	4
Fastness to decatizing sever ISO 105 E10 (COS)	3.4		
Fastness to formaldehyde ISO 105 X09 (COS)	4.5		
Fastness to acid spotting ISO 105 E05	Acetic acid	4.5	4.5
	Sulphuric acid	4	4.5
Crocking Fastness (ISO 105 X12)	Dry	4	Wet 4

3 pH	4 pH	4-5 pH	5 pH	6 pH
137%	100%	98%	93%	92%

Dyeing

Remarks:-

(COS = Change of Shade , WO = Staining on Wool , PA = Staining on Polyamide , CO = Staining on Cotton)