

Levaset Black B

Short Profile

- Black with excellent build up properties, washing and chlorine fastness

Substrate Suitability :

Polyamide	S
Wool	S
Silk	S

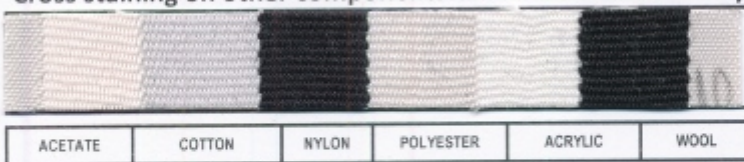
General properties:

Solubility at 90°C	65
Dischargeability (Zn Sulfoxylate Formaldehyde)	2

Shade change under article light:

D65	Inc A	F11 (TL 84)
Control	Redder	T. Redder/Bluer

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



0.25% (1/12 SD)



1.00% (1/3 SD)

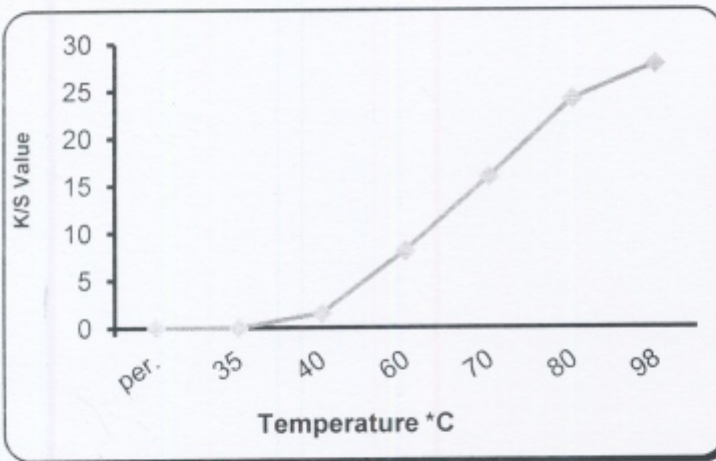


3.00% (1/1 SD)

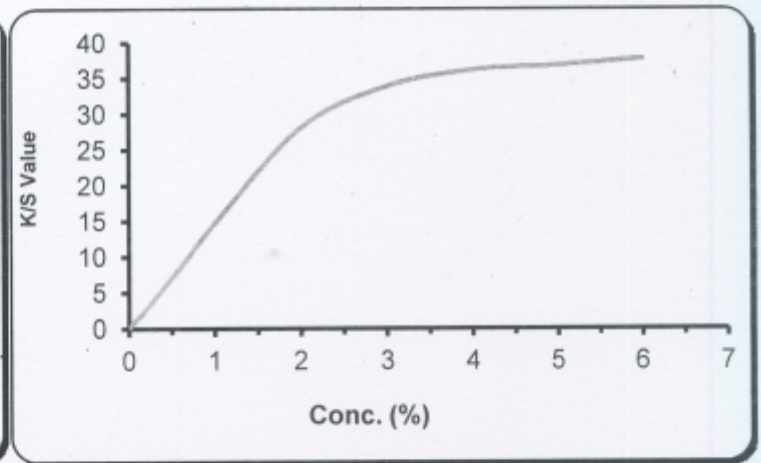


(Exhaust Dyeing on PA fabric at 98°C for 45 min pH 4-5 with Buffer System)

Exhaustion Fixation: (1/1 S/D)



Saturation Curve:



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

Fastness Properties Details

After Treatment		PA 6				PA 6,6			
Light Fastness Shade depth		1/12	1/3	1/1	1/12	1/3	1/1		
Light fastness (ISO 105 B02)- Up to grade 6		5	5-6	6	4	4-5	5		
Light fastness (AATCC 16E) 20 AFU		4-5	4-5	5	4	4	5		
Light fastness (AATCC 16E) 40 AFU		3-4	3-4	4-5	3	3-4	4-5		
After Treatment		Without				With 2% Levacol NR			
Wet Fastness properties on 1/1 SD		CS	WO	PA	CO	CS	WO	PA	CO
Wash fastness (ISO 105 C10 - B (50 ^o C)		5	3	2-3	3-4	5	3-4	3	4
Wash fastness (ISO 105 C10 - C (60 ^o C)		4	3-4	2-3	4	4	4	3	4
Wash fastness ((AATCC 61 Option 2A,49 ^o C,)		4	4-5	4	4-5	4	4-5	3	4
Water Sever (ISO 105 E01)		4-5	4	4	4-5	4-5	4	4-5	4-5
Fastness to Sea Water (ISO 105 E02)		4-5	4	4	4	4-5	4	4-5	4-5
Perspiration fastness (ISO 105 E04)		Acid	4-5	4	4-5	4-5	3-4	4	4
		Alkaline	4	4	4	4	4	4	4-5
Fastness to Dry Cleaning (ISO 105 D01-1993)		4	4-5	4-5	4-5	4	4-5	4-5	4-5

Crocking Fastness (ISO 105 X12)	Dry	5	Wet	3-4
Fastness to Chlorinated water (ISO 105 E03)	20ppm	4-5	50ppm	4-5

Stripping with recommended Recipe :

Heat up to 98^oC & hold for 30 min, then rinse neutralisation with Acetic acid (pH 5.5) at Room Temp. followed by warm and cold wash.

Original Fabric	3 gpl Levacol CBSE 3 % Soda Ash	5 gpl Levacol ECO 4 pH Acetic Acid

(Levocol NR - 2.0% w.o.f + acetic acid - 4 pH at 70^oC/20 min.)

Remarks:-

Abbreviation: S-Suitable, NS - Not Suitable

(CS = Change of Shade , SW = Staining on Wool , SP = Staining on Polyamide , SC = Staining on Cotton ,)

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