

Levaset Navy R

Short Profile

- Navy with excellent build up properties for dark shades with good fastness to washing and chlorine

Substrate Suitability :

Polyamide	S
Wool	S
Silk	S

General properties:

Solubility at 90°C	70
Dischargeability (Zn Sulfoxylate Formaldehyde)	2-3

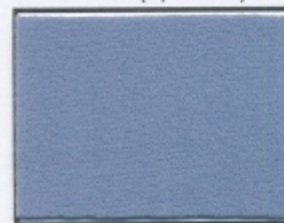
Shade change under article light:

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

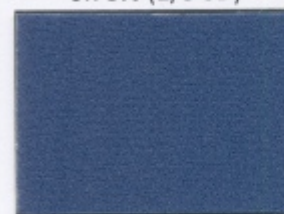
Cross staining on other components of blends in one bath dyeing :



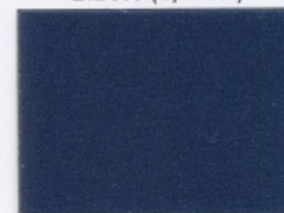
0.18% (1/12 SD)



0.73% (1/3 SD)

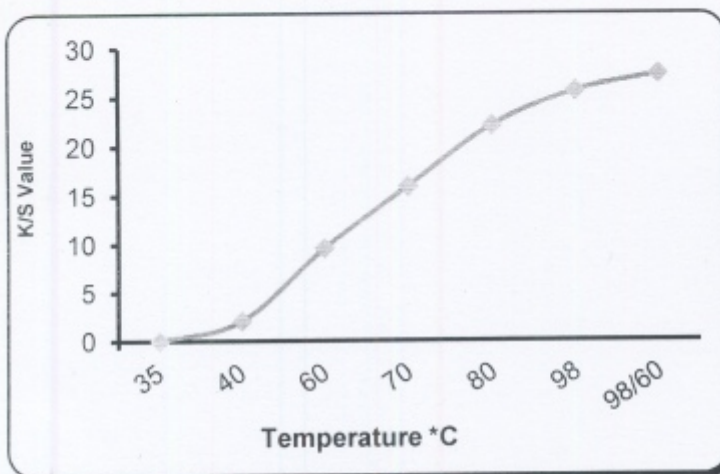


2.20% (1/1 SD)

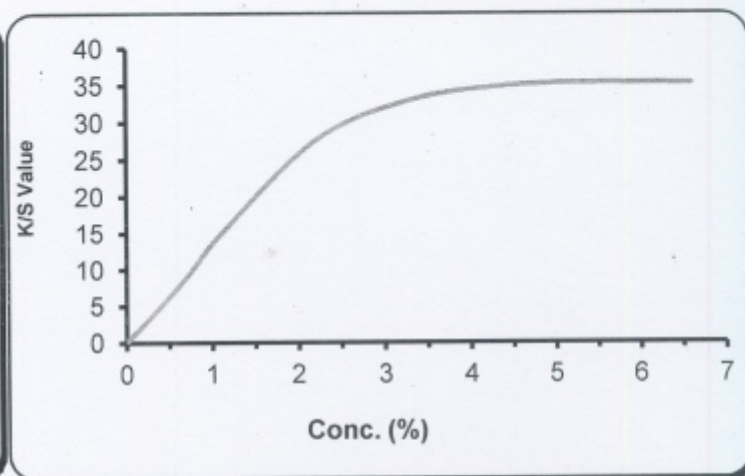


(Exhaust Dyeing on PA fabric at 98°C for 45 min pH 4-5 with Buffer System)

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		2	3	4	2	3	4		
Light fastness (AATCC 16E) 20 AFU		3	3	4-5	1-2	2	3-4		
Light fastness (AATCC 16E) 40 AFU		2	2	3-4	1	1-2	3		
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°C))		4-5	4	4	4	4-5	4	4	4
Wash fastness (ISO 105 C10 - C (60°C))		4	3	3-4	3-4	4	3-4	4	4
Wash fastness ((AATCC 61 Option 2A,49°C,))		4	4	3	4-5	4	4-5	4	4-5
Water Sever (ISO 105 E01)		4-5	4	4-5	4-5	4-5	3-4	4-5	4
Fastness to Sea Water (ISO 105 E02)		4-5	3-4	4	4	4-5	3-4	4	4
Perspiration fastness (ISO 105 E04)	Acid	5	4	4-5	4-5	5	4	4	4
	Alkaline	4-5	4	4	4	4-5	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	4
Fastness to Chlorinated water (ISO 105 E03)	20ppm	4-5	50ppm	3-4

Stripping with recommended Recipe :

Heat up to 98°C & hold for 60 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°C/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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