

Levasol Blue 3RN

Short Profile

- Brilliant royal blue, mainly for self shade.

Substrate Suitability :

Polyamide	M
Wool	S
Silk	S

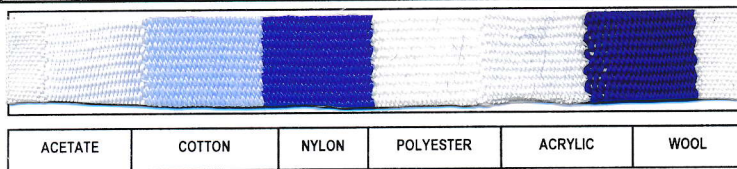
General properties:

Solubility at 90°C (g/l)	100
Dischargeability (Zn Sulfoxylate Formaldehyde)	1

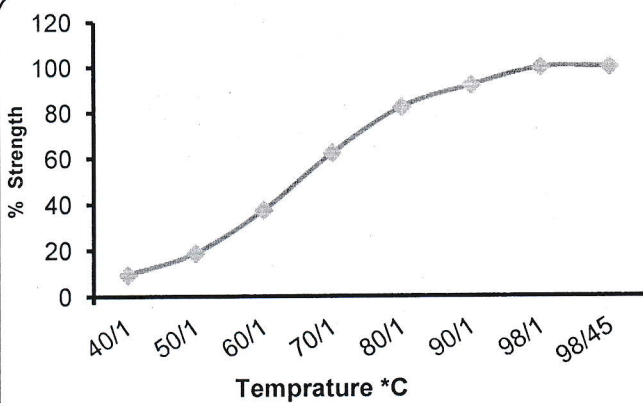
Shade change under article light:

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

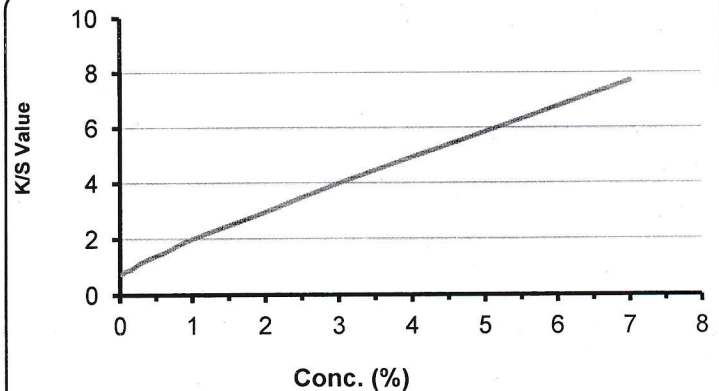
Cross staining on other components of blends in one bath dyeing :



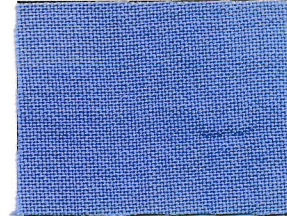
Exhaustion Fixation :



Saturation Curve:



0.16% (1/12 SD)



0.63% (1/3 SD)



1.90% (1/1 SD)



(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)

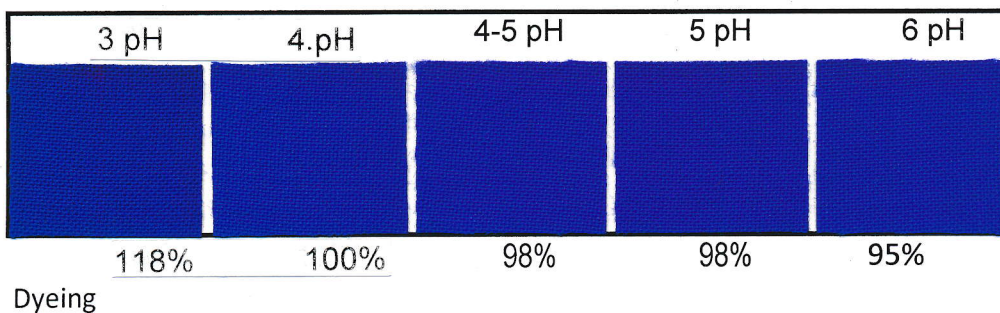
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Fastness Properties Details

Levasol Blue 3RN	Wool Fabric			
	1/12	1/6	1/3	1/1
Light Fastness Shade depth				
Light fastness (ISO 105 B02)- Upto grade 6	4.5	5.6	5.6	5.6
Light fastness (AATCC 16E) 20 AFU	4.5	4.5	4.5	4.5
Light fastness (AATCC 16E) 40 AFU	4	4	4	4

Wet Fastness properties on 1/1 SD	SC	WO	PA	CO
Wash fastness (ISO 105 C10 - B (50 ^o C)	4.5	4.5	4.5	4.5
Wash fastness (ISO 105 C10 - C (60 ^o C)	4.5	4.5	4.5	4.5
Wash fastness (AATCC 61 Option 2A,49 ^o C,)	4.5	4.5	4.5	4.5
Home laundry ISO 105 C06 B2S 50 ^o C	4.5	4.5	4.5	5
Fastness to Hot water ISO 105 E08 70 ^o C	4.5	4.5	*	5
Fastness to Sea Water (ISO 105 E02)	4.5	4.5	4.5	4.5
Water Fastness Sever (ISO 105 E01)	4.5	4.5	4.5	5
Perspiration fastness (ISO 105 E04)	Acidic	4.5	4.5	4.5
	Alkaline	4.5	4.5	4.5
Fastness to alkaline milling,sever ISO 105- E012	4.5	4.5	4.5	4.5
Fastness to acid millingmild ISO 105- E014	4	4.5	4	4.5
Fastness to cross - dyeing acetic acid ISO 105 E07	4	3	*	4-5
Shampoo Fastness woolmarkTM233	4.5	4.5	4.5	4.5
Fastness to Potting ISO 105 E09	4	3.4	*	4-5
Fastness to chlorination acid ISO 105 X03	2.3	4.5	4.5	4.5

Fastness to ISO 105 XE02 carbonizing (COS)	4.5	neutralized	4	
Fastness to decatizing sever ISO 105 E10 (COS)	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	4.5	4	5
Crocking Fastness (ISO 105 X12)	Dry	4.5	Wet	4.5



Remarks:-

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