

Levasol Blue 3G

Short Profile

- Greenish blue with high light fastness. Main trichromatic recommendation in combination with LEVASOL Yellow 4G an LEVASOL Red 6G

Substrate Suitability :

Polyamide	M
Wool	S
Silk	S

General properties:

Solubility at 90°C (g/l)	50
Dischargeability (Zn Sulfoxylate Formaldehyde)	1

Shade change under article light:

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

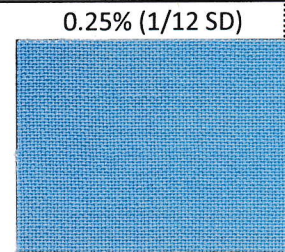
Cross staining on other components of blends in one bath dyeing :



ACETATE	COTTON	NYLON	POLYESTER	ACRYLIC	WOOL
---------	--------	-------	-----------	---------	------

Exhaustion Fixation :

Saturation Curve:



0.25% (1/12 SD)

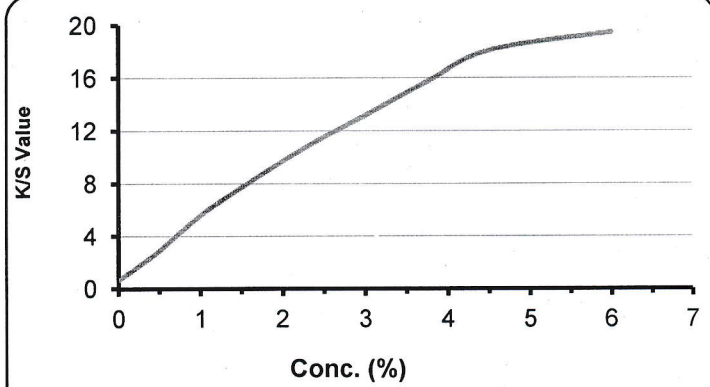
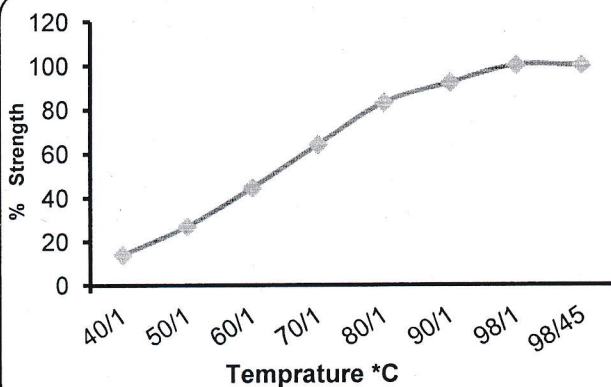


0.50% (1/3 SD)



1.50% (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)

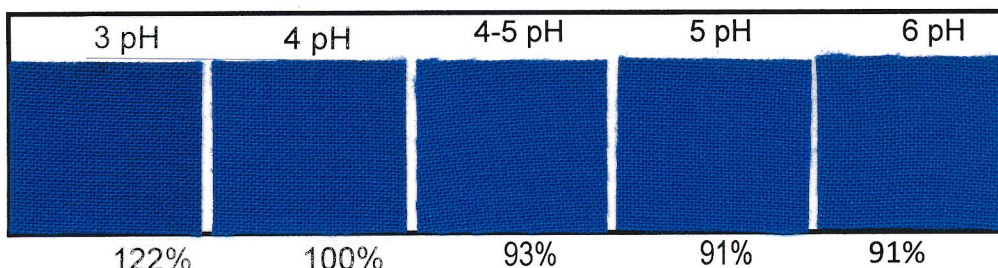
Fastness Properties Details

Levasol Blue 3G	Wool Fabric			
	1/12	1/6	1/3	1/1
Light Fastness Shade depth				
Light fastness (ISO 105 B02)- Upto grade 6	4	4.5	5	5.6
Light fastness (AATCC 16E) 20 AFU	4	4	4	4.5
Light fastness (AATCC 16E) 40 AFU	3.5	3.5	3.5	3.5

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	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	*	4.5
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	4.5
	Alkaline	4.5	4.5	4.5	4.5
Fastness to alkaline milling,sever ISO 105- E012		4	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	4.5	4.5	4.5
Fastness to Potting ISO 105 E09		4.5	3.4	*	4.5
Fastness to chlorination acid ISO 105 X03		2	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)		4.5		
Fastness to formaldehyde ISO 105 X09 (COS)		4		
Fastness to acid spotting ISO 105 E05	Acetic acid	4	4.5	5
	Sulphuric acid	4	4.5	5

Crocking Fastness (ISO 105 X12)	Dry	4.5	Wet	4
---------------------------------	-----	-----	-----	---



Dyeing

Remarks:-

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