

# Levasol Red GN

## Short Profile

- Brilliant bireactive red with outstanding wet fastness. Mainly for self shades and basis for deep red shades.

## Substrate Suitability :

Polyamide	M
Wool	S
Silk	S

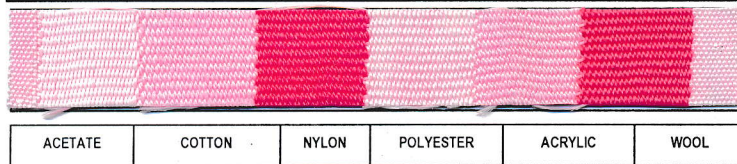
## General properties:

Solubility at 90°C (g/l)	40
Dischargeability (Zn Sulfoxylate Formaldehyde)	2-3

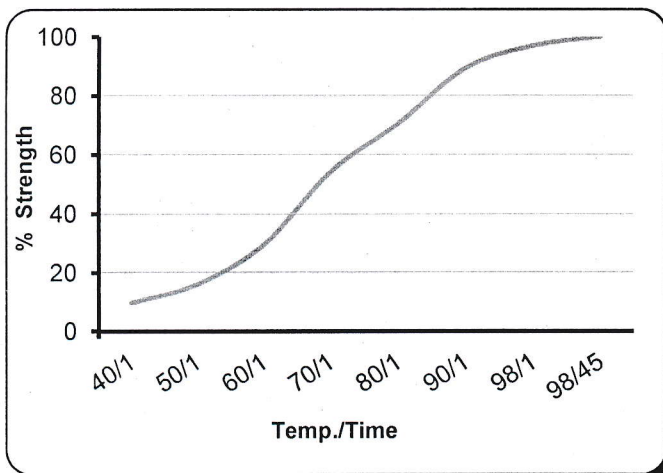
## Shade change under article light:

D65	Inc A	F11 (TL 84)
Control	M.Yellowr/ Brightre	M.Yel./T.Gr./ Brighter

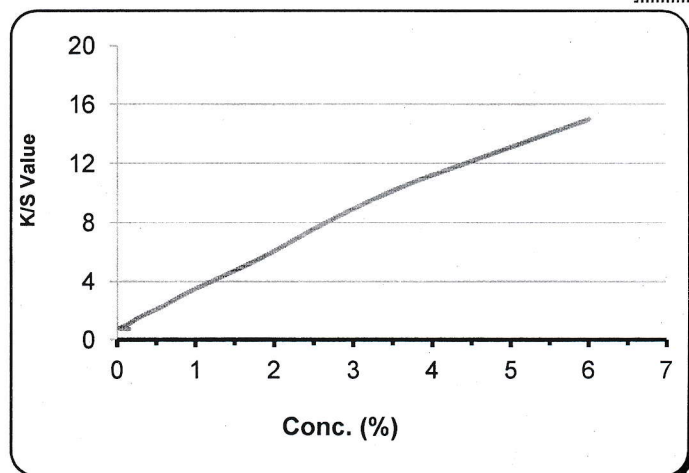
## Cross staining on other components of blends in one bath dyeing :



## Exhaustion Fixation :



## Saturation Curve:



0.15% (1/12 SD)



0.60% (1/3 SD)



1.80% (1/1 SD)



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

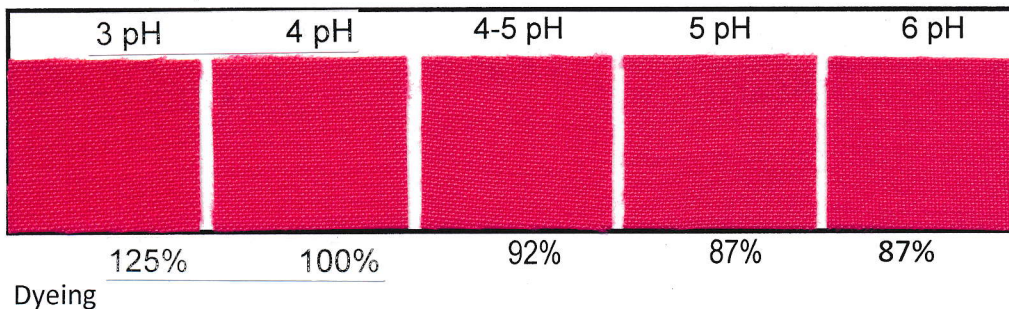
(This information is provided in good faith, to the best of our knowledge and without liability)

## Fastness Properties Details

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

Wet Fastness properties on 1/1 SD	SC	WO	PA	CO
Wash fastness (ISO 105 C10 - B (50 <sup>o</sup> C)	3.4	4.5	5	4.5
Wash fastness (ISO 105 C10 - C (60 <sup>o</sup> C)	3.4	4.5	5	4.5
Wash fastness (AATCC 61 Option 2A,49 <sup>o</sup> C,)	4	4.5	5	5
Home laundry ISO 105 C06 B2S 50 <sup>o</sup> C	3.4	4.5	5	4.5
Fastness to Hot water ISO 105 E08 70 <sup>o</sup> C	4.5	4.5		4.5
Fastness to Sea Water ( ISO 105 E02)	4.5	4.5	5	5
Water Fastness Sever ( ISO 105 E01)	4.5	4.5	4.5	4.5
Perspiration fastness (ISO 105 E04)	Acidic	4.5	4.5	4.5
	Alkaline	4.5	4.5	4.5
Fastness to alkaline milling,sever ISO 105- E012	3.4	4.5	4.5	4.5
Fastness to acid millingmild ISO 105- E014	4	4.5	4.5	4.5
Fastness to cross - dyeing acetic acid ISO 105 E07	4	3	*	5
Shampoo Fastness woolmarkTM233	3.4	4.5	4.5	4.5
Fastness to Potting ISO 105 E09	4-5	4-5	*	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 )	4				
Fastness to formaldehyde ISO 105 X09 ( COS )	4.5				
Fastness to acid spotting ISO 105 E05	Acetic acid	4-5	4-5	*	5
	Sulphuric acid	4	4-5	*	5
Croaking Fastness (ISO 105 X12)	Dry	4	Wet	3.4	



### Remarks:-

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