

Levasol Red 5B

Short Profile

- Bright bluish red for self shades and basis for bordeaux shade. Moderate wet fastness in very deep shades.

Substrate Suitability :

| | |
|-----------|---|
| Polyamide | M |
| Wool | S |
| Silk | S |

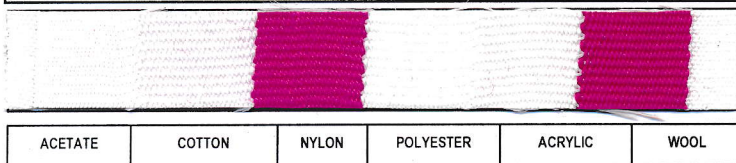
General properties:

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

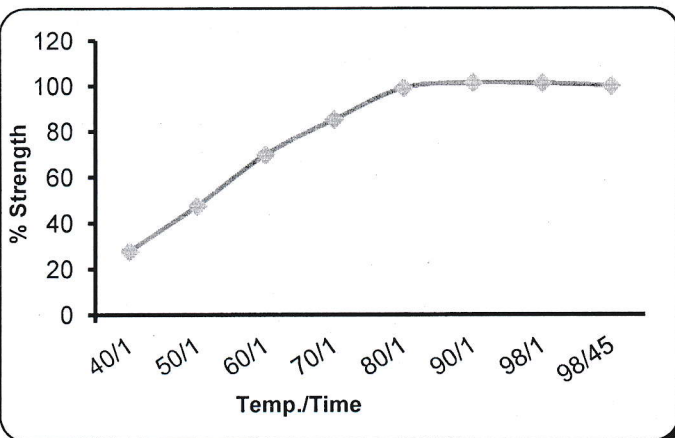
Shade change under article light:

| | | |
|---------|----------------------|-----------------|
| D65 | Inc A | F11 (TL 84) |
| Control | M.Yellowr / Brightre | Greener/ Duller |

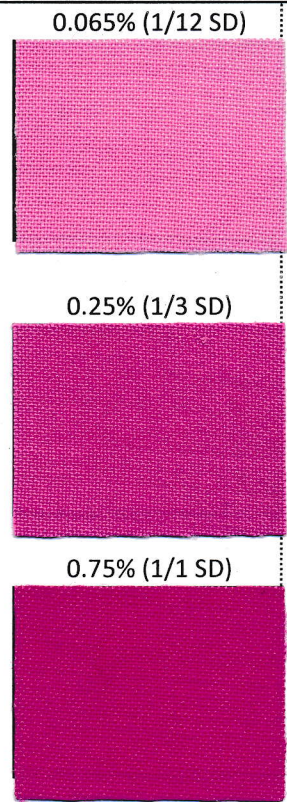
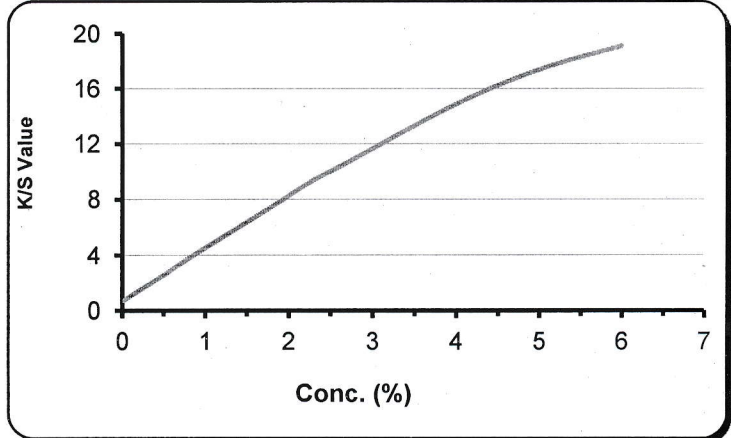
Cross staining on other components of blends in one bath dyeing :



Exhaustion Fixation :



Saturation Curve:



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

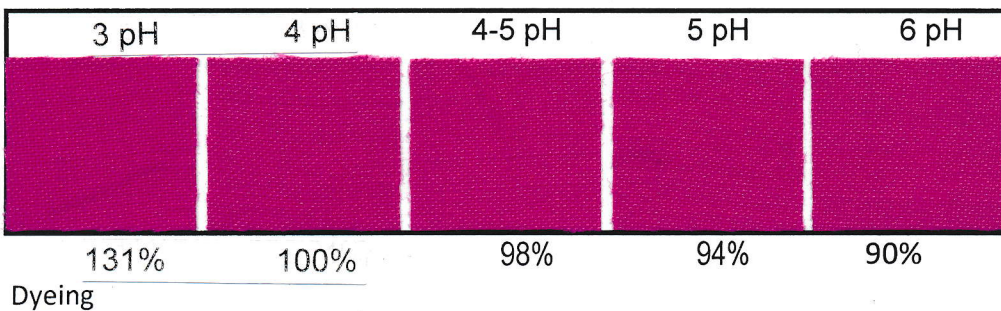
(This information is provided in good faith, to the best of our knowledge and without liability)

Fastness Properties Details

| Levasol Red 5B | Wool Fabric | | | |
|--|-------------|-----|-----|-----|
| Light Fastness Shade depth | 1/12 | 1/6 | 1/3 | 1/1 |
| Light fastness (ISO 105 B02)- Upto grade 6 | 4 | 4.5 | 5 | 6 |
| Light fastness (AATCC 16E) 20 AFU | 4 | 4 | 4.5 | 4.5 |
| Light fastness (AATCC 16E) 40 AFU | 3.5 | 3.5 | 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 |
| Wash fastness (ISO 105 C10 - C (60 ^o C) | 4.5 | 4.5 | 4.5 | 4 |
| 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 | 5 | 4.5 |
| Fastness to Hot water ISO 105 E08 70 ^o C | 4 | 4.5 | * | 5 |
| Fastness to Sea Water (ISO 105 E02) | 4 | 4.5 | 4.5 | 3.4 |
| 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 | 4.5 | 4.5 | 4.5 |
| Fastness to acid millingmild ISO 105- E014 | 4 | 4 | 4 | 4.5 |
| Fastness to cross - dyeing acetic acid ISO 105 E07 | 4-5 | 2 | * | 4 |
| Shampoo Fastness woolmarkTM233 | 4.5 | 4.5 | 4.5 | 4.5 |
| Fastness to Potting ISO 105 E09 | 3.4 | 3.4 | * | 4.5 |
| Fastness to chlorination acid ISO 105 X03 | 2 | 4 | 4.5 | 4.5 |

| | | | |
|--|----------------|-------------|-------|
| Fastness to ISO 105 XE02 carbonizing (COS) | 4 | neutralized | 3.4 |
| Fastness to decatizing sever ISO 105 E10 (COS) | 3.4 | | |
| Fastness to formaldehyde ISO 105 X09 (COS) | 4 | | |
| 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 |



Remarks:-

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