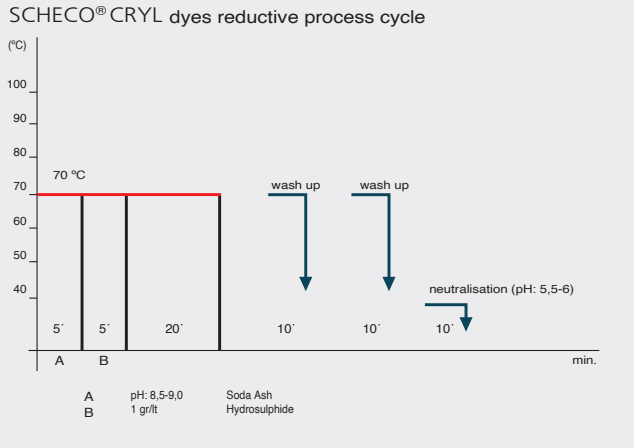
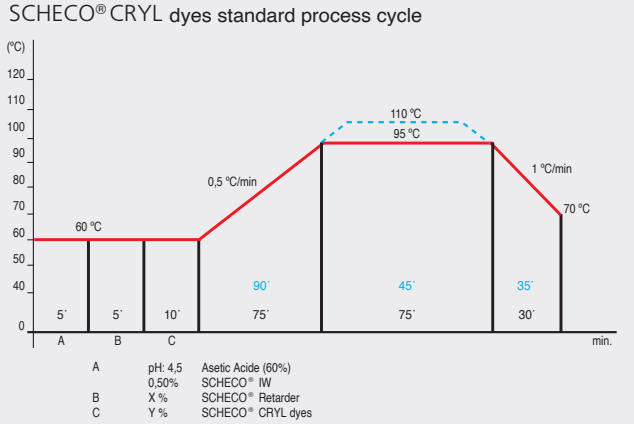
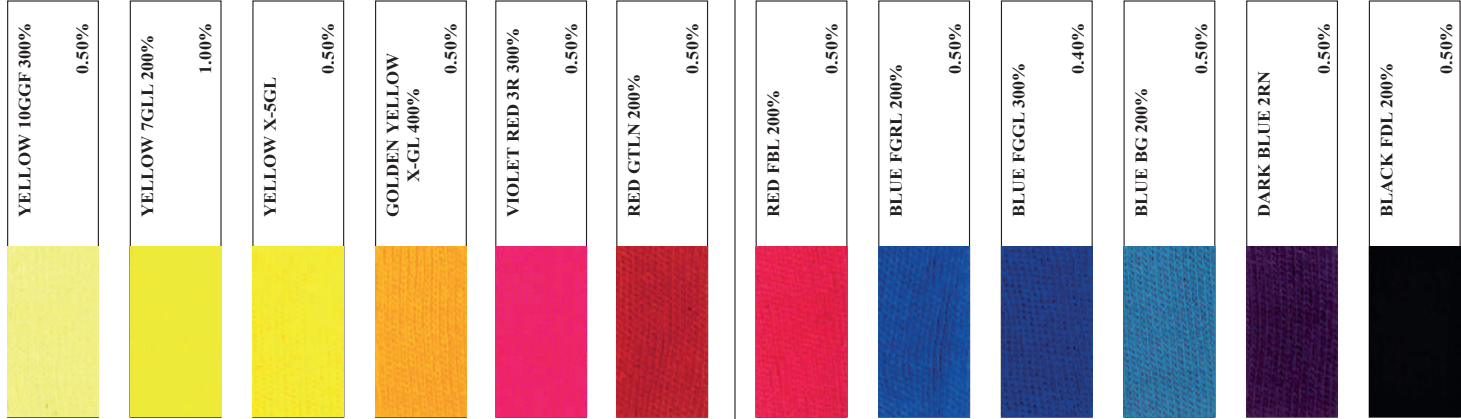


SCHECO® CRYL

|                                         |                                      |      |      |      |      |      |      |      |      |      |      |      |      |
|-----------------------------------------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Shades %                                |                                      | %0,5 | %1   | %0,5 | %0,5 | %0,5 | %0,5 | %0,5 | %0,5 | %0,4 | %0,5 | %0,5 | %0,5 |
| Combination index (K)                   |                                      | 3,5  | 2,5  | 3    | 3    | 1,5  | 3,5  | 3    | 3    | 3    | 3,5  | 3    | 3    |
| Saturation index (F)                    |                                      | 0,66 | 0,48 | 0,49 | 0,49 | 0,50 | 0,76 | 0,67 | 0,33 | 0,48 | 0,54 | 0,77 | 0,52 |
| Relative afinity (A1)                   |                                      | 0,29 | 0,64 | 0,23 | 0,35 | 1,45 | 0,49 | 0,28 | 0,33 | 0,32 | 0,54 | 0,77 | 0,52 |
| Hot solubility (90°C) in g/l            |                                      | 20   | 80   | 50   | 60   | 20   | 100  | 20   | 40   | 30   | 35   | 20   | 80   |
| pH stability from - to                  |                                      | 2-6  | 1-9  | 2-9  | 1-10 | 4-10 | 3-8  | 2-6  | 1-7  | 1-6  | 1-9  | 3-6  | 2-6  |
| Light fastness xenon arc.<br>S.D. / RTT | 1/1                                  | 4    | 7    | 6    | 7    | 3-4  | 6-7  | 6-7  | 6-7  | 6-7  | 5    | 5    | 7    |
|                                         | 1/3                                  | 4    | 7    | 5    | 7    | 3-4  | 6-7  | 6    | 6-7  | 6-7  | 4-5  | -    | 6-7  |
|                                         | 1/12                                 | 4    | 6    | 4-5  | 6-7  | 3    | 6-7  | 6    | 5-6  | 5-6  | 4    | -    | 6    |
| Water fastness,<br>severe treatment     | F                                    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
|                                         | PAN                                  | 5    | 5    | 5    | 5    | 5    | 4-5  | 5    | 5    | 5    | 5    | 5    | 5    |
|                                         | WO                                   | 5    | 5    | 5    | 5    | 5    | 4    | 5    | 5    | 5    | 5    | 5    | 5    |
|                                         | CO                                   | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
| Washing fastness (60°C)                 | F                                    | 5    | 5    | 5    | 5    | 4-5  | 5    | 5    | 5    | 4-5  | 5    | 5    | 5    |
|                                         | PAN                                  | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
|                                         | WO                                   | 4-5  | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
|                                         | CO                                   | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
| Persperation fastness,<br>alkaline      | F                                    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
|                                         | PAN                                  | 5    | 5    | 5    | 5    | 5    | 4-5  | 5    | 5    | 5    | 5    | 5    | 5    |
|                                         | WO                                   | 5    | 5    | 5    | 5    | 5    | 4    | 5    | 5    | 5    | 5    | 4-5  | 5    |
|                                         | CO                                   | 5    | 5    | 5    | 5    | 5    | 4-5  | 5    | 5    | 5    | 5    | 5    | 5    |
| Persperation fastness,<br>acid          | F                                    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    | 5    |
|                                         | PAN                                  | 5    | 5    | 5    | 5    | 5    | 4-5  | 5    | 5    | 5    | 5    | 5    | 5    |
|                                         | WO                                   | 5    | 5    | 5    | 5    | 5    | 4    | 5    | 5    | 5    | 5    | 4-5  | 5    |
|                                         | CO                                   | 5    | 5    | 5    | 5    | 5    | 4-5  | 5    | 5    | 5    | 5    | 5    | 5    |
| Fastness to cross-dyeing,<br>neutral    | F                                    | 4-5  | 4-5  | 4-5  | 3-4  | 4    | 4    | 3    | 3-4  | 3-4  | 4    | 3-4  | 4    |
|                                         | PAN                                  | 2-3  | 2-3  | 2-3  | 2-3  | 3    | 2-3  | 2    | 2-3  | 2    | 2-3  | 1-2  | 2    |
|                                         | WO                                   | 5    | 5    | 5    | 5    | 5    | 3-4  | 4-5  | 4-5  | 4-5  | 4    | 4    | 4    |
|                                         | CO                                   | 5    | 5    | 5    | 5    | 5    | 4-5  | 5    | 5    | 5    | 4-5  | 5    | 4-5  |
| Fastness to cross-dyeing,<br>acid       | F                                    | 4-5  | 4-5  | 4-5  | 4    | 4    | 4    | 3-4  | 4    | 3-4  | 4    | 3-4  | 4    |
|                                         | PAN                                  | 2    | 2-3  | 2-3  | 2-3  | 3    | 2-3  | 2-3  | 2-3  | 2    | 2-3  | 1-2  | 2    |
|                                         | WO                                   | 5    | 5    | 5    | 5    | 5    | 4    | 4-5  | 4-5  | 4-5  | 4    | 4    | 4    |
|                                         | CO                                   | 5    | 5    | 5    | 5    | 5    | 4-5  | 5    | 5    | 4-5  | 4-5  | 5    | 5    |
| Rubbing fastness                        | Dry                                  | 5    | 5    | 5    | 5    | 4-5  | 5    | 4-5  | 5    | 5    | 5    | 5    | 5    |
|                                         | Wet                                  | 5    | 5    | 5    | 5    | 4-5  | 4-5  | 5    | 5    | 5    | 4-5  | 4-5  | 5    |
| Steaming                                | Without overpressure 30 min., 100 °C | F    | 5    | 5    | 5    | 4-5  | 5    | 5    | 5    | 5    | 5    | 4    | 5    |
|                                         |                                      | PAN  | 4    | 4-5  | 5    | 5    | 5    | 4    | 5    | 5    | 5    | 3    | 5    |
|                                         | With overpressure 10 min., 115 °C    | F    | 5    | 5    | 5    | 5    | 5    | 4-5  | 5    | 4-5  | 5    | 4-5  | 5    |
|                                         |                                      | PAN  | 4    | 4-5  | 5    | 4-5  | 5    | 4    | 4-5  | 4-5  | 4-5  | 3    | 4-5  |



Properties

- \* Cationic dyes
- \* Wide range of shades
- \* Very good bulid up in deep shades
- \* For high fastness requirements
- \* Good reproducibility and reliable application
- \* Meets the requiremnts of major ecology standards

Ø ZDHC  
LEVEL 3 APPROVED



ISO 14001:2015  
CERTIFICATION



Innovative Textile Dyestuff

Scheco® cryl Cationic Dyes

