

**DYES**  
for  
TEXTILE

by  **Softer Color**

catalogue

SOFTACRYL  
cationic dyes

**SOFTER COLOR SRL**

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SOFTACRYL DYES

## SOFTACRYL DYES by SOFTER COLOR

### Cationic dyes

Cationic dyestuff is a group of water soluble dyes with bright colors. They are specially developed for dyeing acrylic fibre and they are characterized by their very strong tinctorial power, out standing, brightness and excellent fastness properties.

### LEGENDA

#### **Light fastness:**

- 1 = very weak;
- 2 = poor;
- 3 = mediocre;
- 4 = quite good;
- 5 = good;
- 6 = very good;
- 7 = excellent;
- 8 = extraordinary.

#### **Washing, Perspiration, Rubbing:**

- 1 = poor;
- 2 = mediocre;
- 3 = good;
- 4 = very good;
- 5 = excellent.

#### **Responsibility**

*Softer Color declines any responsibility for incorrect or improper use of its dyes.*

*These products are not toxic, but it is very important to respect the safety rules provided by the attached SDS.*

*For any questions, please contact us at +39 0543 724672.*

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| SOFTACRYL<br>cationic dyes  | K Value | F Value | DYEING FASTNESS PROPERTIES |              |              |             |
|---|---------|---------|----------------------------|--------------|--------------|-------------|
|   |         |         | Light                      | Washing 60°C | Perspiration | Rubbing Dry |
| Jaune Softacryl 8G<br>       | 3       | 0,75    | 3/4                        | 4/5          | 4/5          | 4/5         |
| Jaune Softacryl Or GL<br>   | 2,5     | 0,61    | 6/7                        | 4/5          | 4/5          | 4/5         |
| Rouge Softacryl FBL<br>    | 2,5     | 0,56    | 6/7                        | 4/5          | 4            | 4/5         |
| Turquoise Softacryl 5G<br> | 3       | 0,75    | 4/5                        | 4/5          | 4/5          | 4/5         |

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|   |         |         | Light                      | Washing 60°C | Perspiration | Rubbing Dry |
| Bleu Softacryl FGGL<br>  | 3       | 0,40    | 6                          | 4            | 4            | 4/5         |
| Blue Softacryl FGRL<br> | 3       | 0,43    | 6/7                        | 4/5          | 4/5          | 4/5         |
| Noir Softacryl X60<br> | 3       | 1       | 5                          | 4/5          | 4            | 4/5         |

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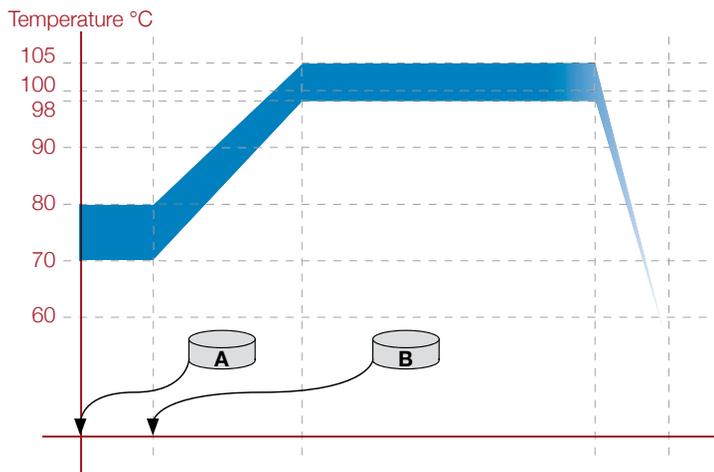
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## Instruction for dyeing using softacryl dyes

1. Set the bath at 70÷80 °C with 4÷8% sodium sulfate and 2÷3% Sodium Acetate. Adjust pH to 4÷4.5 with Acetic Acid;
2. Add 0÷3% Retarder Agent and % Softacryl Dye (Pre-dissolved and sieved).

## Dyeing diagram (the blue part is the permissible dyeing zone)



## Constitution of baths

**A** Sodium Acetate: 2÷3%  
Acetic Acid pH: 4÷4,5  
Sodium sulfate: 4÷8%  
Retarder Agent: 0÷3%

**B** Solution of the dye dissolved with 0.5÷1% of non ionic dispersing agent.

1. Raise dyebath temperature slowly at 0.8÷1 °C per minute
2. to 98 °C to 105 °C.
3. Run at the boil up to exhaustion of the dye.
4. Reduce the temperature of the bath to 60 °C.
5. Add a softener. Wash and rinse.

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