



BPA 50

1) Product character

BPA 50 is an excellent fixation agent for dyeing and prints with excellent wet fastness properties.

2) Properties

Component	:	Polycation resin solution.
Appearance	:	Brownish red amber colour
Ionic nature	:	Cationic
pH (1%sol.)	:	5.5 ± 1
Solubility	:	Easily soluble in water
Storage	:	One year under 0°C – 40°C in hermetic container

3) Advantages

- 3.1) Suitable for dyeing and print with reactive dyes
- 3.2) Improves soaping fastness, perspiration fastness and water fastness
- 3.3) Minimal effect on light fastness, chlorinate water fastness and dry rubbing fastness Minimal effect on fabric shade and handle
- 3.4) Formaldehyde free

4) Application

- 4.1) **BPA 50** can be used in both exhaust method and padding method.
- 4.2) Recommended washing and fixation process:
- 4.3) Dyeing or printing → Cold washing → Hot washing (50 – 60°C)
→ Soaping (Rapid wash CWX 2g/L, 95 – 98°C for 10 min.) → Washing → Fixation
→ Washing → Dry
- 4.4) Optimum dosage of **BPA 50** is depended on dyeing depth and fastness requirement.
- 4.5) Diluted **Dyefix T** three times before using.

For ISO 105 – C03 (60°C), BPA 50 (Diluted)	:	-	0.3 – 1 % o.w.f
For ISO 105 – C04 (95°C), BPA 50 (Diluted)	:	-	1 – 2 % o.w.f.

4.6) Exhaust method

BPA 50 (diluted)	0.3 – 2% o.w.f.
pH	5 – 6
L.R.	1:5 – 1:20





Temperature	40 – 60°C
Time	15 – 30min.

4.7) Padding method

BPA 50 (diluted)	10 – 25g/L
pH	4 – 5
Pick-up	70 – 80%
Process	Padding at room temperature → Dry

4.8) Stripping

Neutral soaping agent	2g/L
Na ₂ CO ₃ or NaOH	10g/L
Temperature	80 – 90°C
Time	30min.

5) Safe use and handling

Good hygienic and industrial practices should be followed and, when employed as recommended, **BPA 50** will not present any hazard. However, prolonged skin contact with the neat product should be avoided and any splashes on the skin should be washed off with water. The information herein is, to the best of our knowledge, correct and complete. It is based not only on the work in our laboratory but also on the reported results of other workers in this field. It is offered without guarantee of specific properties and no patent liability is assumed. No liability can be accepted for any loss, injury or damage resulting from its use.

