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FIX-SR conc.

Fixing agent for reactive & direct dyestuff

FIX-SR conc. is an excellent efficient fixing agent for dyeing of cellulose fibers with reactive dyestuff. It could improve washing fastness and no significant difference in color-change. It is stable in high-alkali condition. It can apply with exhaustion or padding process.

General properties:

Appearance	:	Yellowish liquid
Composition	:	Special polymer
Ionic nature	:	Cationic
pH (1% solution)	:	6.0 +/- 1.0
Solubility	:	Easy to dissolve in cold water

Special features:

1. Suitable for dyeing cellulose fiber with reactive dyestuff.
2. Improve washing/wet fastness.
3. No significant difference in color-change, and no influence on brightness.
4. Very stable in high alkali, no formaldehyde pollution problem.
5. Applicable to both exhaustion and padding process.
6. No influence on light fastness.

Application:

1. Exhaustion process

Dosage:

FIX-SR conc.	:	1% ~ 2% (o.w.f)
pH	:	5.0 ~ 5.5 (HAC)
Temp.×Time	:	50 ~ 60°C×15 ~ 20 min

2. Padding process

Dosage:

FIX-SR conc.	:	1 ~ 2% (o.w.s)
pH	:	5.0 ~ 5.5 (HAC)

Can be used in combination with cationic after-treatment agent

3. Removing FIX-SR conc.

Dosage	:	1 ~ 2g/l Hydrochloric acid
Temp.×Time	:	60 ~ 70°C×15 ~ 20 min

* Temp. do not higher than 70°C

Ex 1: (rubbing fastness)

EVERCION Red H-E7B	5.5% (o.w.f)
EVERCION Red H-E3B	0.5% (o.w.f)
HSINSOU L-450	0.5g/l
Na ₂ CO ₃	20g/l
Na ₂ SO ₄	80g/l
LR 1	20
80°C×60 min	

Ex2 : (rubbing fastness)

EVERCION Turq HA	4.0% (o.w.f)
EVERCION Blue H-EGN	1.0% (o.w.f)
L-450	0.5g/l
Na ₂ CO ₃	20g/l
Na ₂ SO ₄	80g/l
LR 1	20
80°C × 60 min	

Ex 3 : (light fastness)

EVERCION Turq HA	0.4% (o.w.f)
EVERCION Blue H-EGN	0.1% (o.w.f)
L-450	0.5g/l
Na ₂ CO ₃	10g/l
Na ₂ SO ₄	20g/l
LR 1 : 20	
80°C × 60min	

↓ Soaping

TD-S	:	1g/l
85°C × 20min		

↓ Fixing

FIX-SR conc.		1% (o.w.f)
LR 1 : 20	PH:5.5	60°C × 20 min

↓ Dry 160°C × 90sec

Rubbing fastness CNS1499 L3032 B

Light fastness CNS1493 L3074 20hr

Note: full evaluation is recommended prior to commercial usage.