

Fixing agent

Physicochemical property

Appearance	Dark brown or light yellow viscous liquid
Solid content%	60
Viscosity (cps/25℃)	8000~12000
PH (1% water solution)	3.0~6.0

High concentrated Fixing agent is a non-formaldehyde fixing agent used for improving wet fastness of direct, reactive dyeing and printing material.

1. Resistance of Hard-water, acid, alkaline and salt
2. Improving wet and washing fastness, especially for washing fastness above 60°C
3. Basically not affecting the light fastness and color tone.

Application Guide and dosage

Padding method: In the condition of suitable PH (5.5~ 6.5), temperature under 50~70°C, adding Fixing agent to dyeing and soaping-treated fabric for 15-20 min treatment. It should add GS-658A/GS-257 before temperature rise, after add it the temperature will heat up. Dosage of fixing agent is depend on the fabric color concentration, the suggested dosage as followed:

1. Dipping: 0.5~1 % (o.w.f)
2. Padding: 5~10g/L

If the fixing agent is applied after finishing process, then could be used with non-ionic softener, best dosage depends on test.

Characteristics and advantages

1. Good fixing property ,which can improve soaping,washing fastness significantly
2. No discoloration,no influence of dyeing fabric vividness
3. water-insoluble macromolecular with anionic dyes
4. this product is designed for all kinds of color such as red and black dyes and enjoys excellent fixing efficiency with very small dosage, especially for soak fastness in boiling water
5. It can form water-insoluble macromolecular with anionic dyes

Application scope

It can be changed according to deep color or light color, higher dosage for deep color and less dosage for light color.

This product enjoys good wash fastness with just small dosage. If better soak fastness in boiling water is needed, please increase dosage a little.

Package and Storage

Packaging specifications: 50kg or 120kg plastic barrel with plastic bag packaging.

It should be stored in a cool, dry, and ventilated place. And the shelf life is six months. It's environmental and non dangerous, and can be safely transported.