QUICKFIN GLIDE LIQUID

COMPOSITION

Polysiloxane compound, cationic

USES

Durable, hydrophilic, silicone softening agent for textiles of all fibre types, confers voluminous handle effects
Especially suitable for white goods, microfibres and knitwear

PROPERTIES

- Confers a very soft, voluminous, full handle
- Endows hydrophilic properties
- High resistance to yellowing
- Confers effects resistant to mild washing
- Improves anti-crease properties, tear strength and abrasion resistance
- Increases the elasticity and elastic recovery of knitwear
- Good resistance to washing
- Applicable in a wide pH-range (pH 3 - 9)
- Excellent shear stability and process security (jet-stable)
- Low-foaming
- Compatible with many common optical brighteners
- Especially suitable for the exhaust method (also for jet or cheese dyeing machines)
- Good electrolyte compatibility, suitable for resin finishing
- Suitable for pad, foam or vacuum applications

TECHNICAL DATA

- Clear, colourless to slightly yellowish, viscous liquid (microemulsion)
- Specific gravity at 20°C ca. 1.0
- pH value ca. 5 - 6
- Resistant to hard water
- Readily dilutable with cold water in any ratio

APPLICATION

QUICKFIN GLIDE LIQUID is applied wherever a very soft, full, elastic handle and hydrophilic properties are desired. It can be used in pad or exhaust processes for the finishing of woven or knitted fabrics. This microemulsion excels in very good process stability and high resistance to yellowing.

In principle, when using silicone softeners, wash, rinse and acidify the fabric thoroughly after pretreatment to remove residual substances (anionic substances, size, etc.), which may cause liquor instabilities.

In liquors QUICKFIN GLIDE LIQUID is stable to alkalis up to pH 9. Hence, slightly alkaline-reacting reactive dyeing's can be finished with QUICKFIN GLIDE LIQUID.

The quantity necessary for finishing is dispersed in cold or warm water (30 °C) and added directly to the liquor. Before adding QUICKFIN GLIDE LIQUID adjust the finishing liquor with monobasic acids (e.g. acetic acid. do not use formic acid) to a pH of ca. 4.5 - 5.5 to guarantee optimum running properties and effects.

Exhaust method

1 - 3 %	QUICKFIN GLIDE LIQUID - o.w.o.f.
pH value	5.0 . 5.5 (acetic)
Temperature	40°C
Duration	20 min

dry at usual conditions (<180°C)

Quickfix Chemicals

Advice	Due to the many types of jets it is imperative to carry out pretrials to check the product stability.
Padding process	10 - 30 g/l QUICKFIN GLIDE LIQUID Liquor pick-up 60 - 80 % dry at usual conditions (<180°C) Prior to the application with other finishing agents (combination recipes), compatibility tests have to be carried out.

STORAGE

If stored below 0°C, the product may solidify and/or change its consistency. After heating to 20 - 25°C and thorough mixing, the product can be used again without any problems.

ATTENTION

The above recommendations are based on comprehensive studies and experience made in practical finishing. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for himself whether the product and the application are suited for his very special purposes.

We are, above all, not liable for fields and methods of application which have not been put down by us in writing.

Advice for marking regulations and protective measures can be taken from the respective safety data sheet.

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