

®

BIAVIN DFG

Character	Crease preventing agent, lubricant and sequestering agent for cellulose fibres and cellulose fibre mixtures as well as for synthetic fibres in exhaust procedure
Chemical character	Combination of polymer dispersion and sequestering agent
Appearance	Colourless to yellowish, opal liquid
Ionic character	Slightly anionic
pH-value of a 10 % solution	8.5 - 9.5
Specific weight at 20 °C	1.0
Stabilities	<p>BIAVIN DFG is stable to the concentrations of alkali, acids and electrolytes normally used in practice.</p> <p>The product is very sensitive to frost: the changes occurring at temperatures around the freezing point are persisting.</p>

The above given values are product describing data. Please consult the 'delivery specification' for binding product specifications. Further data about product properties, toxicological, ecological data as well as data relevant to safety can be found in the safety data sheet.

Properties

BIAVIN DFG gives good running properties to the material and avoids the formation of creases. In addition the product has a sequestering effect on hardening substances in an alkaline medium. The mechanical friction is reduced, the viscosity of the liquor increased, and the fabric tends less to form creases. The product remains partly on the fabric, and this helps to improve the sewability.

Application technique

Diluting instruction

BIAVIN DFG is miscible with cold or warm water at every ratio.

® =registered trade mark

Application field

BIAVIN DFG is low foaming and can be used without problems on jets and overflows, that means machines with strong turbulence.

The product can be applied in all common dyeing procedures, in an acid as well as in an alkaline medium. Due to its sequestering effect in an alkaline medium BIAVIN DFG is very suitable for cellulose fibres and cellulosic fibre mixtures which introduce hardening substances into the dyeing liquor. On fabrics containing elastane BIAVIN DFG can be applied with success.

Application proposal

BIAVIN DFG is added to the liquor before the dyestuff. In extreme case e.g. on viscose, we recommend to preset BIAVIN DFG to the liquor before the material is led in. The application quantities depend on machine, substrate and liquor ratio:

1.0 – 3.0 g/l BIAVIN DFG

BIAVIN DFG should be diluted with water before it is added to the machines. Even in case of higher application quantities than 3.0 g/l, retentions have not been reported until present.

We reserve the right to modify the product and technical leaflet.

Our department for applied technique is always at your service for further information and advice.

Our technical advice and recommendations given verbally, in writing or by trials are believed to be correct. They are neither binding with regard to possible rights of third parties nor do they exempt you from your task of examining the suitability of our products for the intended use. We cannot accept any responsibility for application and processing methods which are beyond our control.

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