

REWIN FSN

Character	Cationic aftertreatment agent
Chemical character	Polyammonium compound
Appearance	Yellow liquid
Ionic character	Cationic
pH-value	3.8 - 6.3
Specific weight at 20 °C	~1.1
Stabilities	<p>REWIN FSN is stable to hard water, electrolytes and the acid and caustic soda concentrations used in practice. It can be combined very well with non ionic and cationic products. Together with anionic products precipitations may occur.</p> <p>The product is sensitive to frost to a certain extent. Changes occurring at low temperatures will disappear after warming up and stirring thoroughly.</p>
Storage	On proper storage in closed original containers, the product is stable for at least 12 months.

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

REWIN FSN is a cationic aftertreatment agent to improve the washing and contact fastness of dyeings with reactive and direct dyestuffs on natural and regenerated cellulose fibres.

In case of dyeings with reactive dyestuffs REWIN FSN prevents poor wetting fastnesses, caused by dyestuff hydrolysis and thermo-cracking.

REWIN FSN has the following properties:

- improves the washing fastnesses 40 °C and 60 °C for direct and reactive dyestuffs
- improves the contact fastnesses such as water fastness and fastness to perspiration etc.
- slight or no influence on the shade and the light fastness depending on the dyestuff
- no influence on the fabric handle, and therefore no influence on the sewability,
- no impairment of the re-wettability
- free of formaldehyde

Application technique

Diluting instructions

REWIN FSN can be diluted with cold water in any ratio.

Fields of application

Aftertreatment with REWIN FSN is always done in a fresh, clean bath. The well rinsed or well soaped dyeing will be treated in the exhaust procedure at 30 - 40 °C with

2.0 - 3.0 % REWIN FSN

during 20 - 30 min at a pH-value of approx. 5.0 - 6.0.

In the padding procedure a product layer of 2.0 - 3.0 %, referred to the fabric weight, should be obtained. The application amounts depend on the technical conditions of the padding mangle and should be tested exactly in preliminary trials if necessary.

It should be applied by gusset or padding mangle with small chassis to obtain a rapid liquor exchange and a regular product layer.

Stripping of dyeings that have already been aftertreated with REWIN FSN

If dyeings are to be redyed or levelled out, REWIN FSN must be stripped or masked first.

The following stripping procedure has proven to be successful:

4.0 - 5.0 g/l CHT-DISPERGATOR SMS

pH 4.0, adjusted with acetic acid 60 %

20 - 30 min at 98 °C, then rinse thoroughly warm and cold

If the dyeing shall be stripped at the same time, we recommend the following method:

1. Stripping REWIN FSN

4.0 - 5.0 g/l CHT-DISPERGATOR SMS

pH 4, adjusted with acetic acid 60 %

20 - 30 min at 98 °C

2. Stripping the dyeing

x ml/l Caustic soda

y g/l Hydrosulphite or Redulit F

3.0 - 5.0 g/l CHT-DISPERGATOR SMS

30 min at 98 °C

rinse thoroughly warm and cold

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.

Edition: May 2024

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