

REAKNITT NFPC

Character	Self-catalysing crosslinking agent for the formaldehyde-free* easy-care finishing of textiles of cellulosic fibres and their blends with synthetic fibres.
Chemical Structure	Cyclic urea derivative in water with additives
Appearance	Clear to slightly yellowish liquid
Ionic Character	--
pH Value of a 10 % Solution	2.0 – 3.0
Specific Weight at 20 °C	Approx. 1.1
Stabilities	<p>REAKNITT NFPC can be combined with products which are usually applied in easy care finishing. If several products are blended, we recommend preliminary compatibility tests. A combination with optical brighteners is only possible if they are sufficiently stable to acids such as e. g. TUBOBLANC HV.</p> <p>The product is highly sensitive to frost; after the impact of temperatures around the freezing point irreversible changes will occur.</p>
Storability	Stored properly in closed original containers, the product will hold 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

REAKNITT NFPC is applied for formaldehyde-free easy-care finishing of woven and knits made of cellulose fibres and their blends with synthetics. The following finishing effects are achieved with REAKNITT NFPC:

- Formaldehyde-free
- Good wet and dry crease recovery angles
- Excellent easy-care properties
- Softer handle
- Excellent antipilling effects on CV knits
- Very good stability to hydrolysis, fast to washing and to dry cleaning
- Good chlorine fast

Application Technique

Diluting Instructions

REAKNITT NFPC can be diluted with cold water at any ratio.

Recommendation for Use

REAKNITT NFPC is usually applied by padding at room temperature. For realising optimum finishing effects we recommend adjusting the pH value of the treatment liquor to approx. 4.0 - 4.5

Application quantities:

CO:	60 - 100 g/l	REAKNITT NFPC
CV:	80 - 180 g/l	REAKNITT NFPC
PES/CO:	50 - 100 g/l	REAKNITT NFPC
PES/CV:	70 - 150 g/l	REAKNITT NFPC

Recipe Proposals

Standard guidance on cellulosic articles

60	-	100 g/l	REAKNITT NFPC
20	-	40 g/l	POLYAVIN PEN
20	-	60 g/l	TUBINGAL HWS
0,5	-	1 g/l	ACETIC ACID 60 %
1	-	2 g/l	KOLLASOL HV

Liquor Pick-up:	approx.: 70 %
Dry at:	110 130 °C
Cure at:	60 - 30 sec at 160 °C - 170 °C

* To us formaldehyde-free means that all recipe components neither contain nor release formaldehyde during production or processing.

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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