

## TUBOBLANC RBT

<b>Character</b>	Optical brightener for cellulose fibres
<b>Chemical character</b>	Stilbene derivative
<b>Appearance</b>	Blue liquid
<b>Ionic character</b>	Anionic
<b>pH value</b>	8.0 - 10.0
<b>Specific weight at 20 °C</b>	~1.0
<b>Stabilities</b>	<p>TUBOBLANC RBT is well stable to hardeners but only stable to a certain extent in bleaching liquors containing peroxide and reduction agents since the dyestuff contained is destroyed by the peroxide and the reduction agents.</p> <p>TUBOBLANC RBT has a good storage stability. Stir the product before using it in order to avoid problems with possible dyestuff sedimentations.</p> <p>The product is sensitive to frost to a certain extent. Changes occurring at low temperatures disappear when the product is heated and thoroughly stirred.</p>
<b>Storage</b>	The product will hold for at least 12 months if stored properly in closed original containers.

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## Properties

TUBOBLANC RBT is a low affinity brightener which produces a very brilliant white shade with a violet tint. Due to the dyestuff blended into TUBOBLANC RBT the product cannot be directly added to peroxide or reduction agent liquors since the shading dyestuff is destroyed in this medium. It can neither be applied in hypochlorite and sodium chlorite bleaching liquors. Therefore, the white shading must be done separately after the oxidative or reductive bleach.

Optical brighteners are highly sensitive to heavy metal ions, so even low quantities of heavy metal ions may impair the fluorescence yield. This problem can be overcome by adding a sequestrant such as HEPTOL KEB.

## Application technique

### Diluting instructions

TUBOBLANC RBT can be diluted with cold and warm water at every ratio. However, the diluted solutions or prepared stock solutions should be protected from direct sunlight.

### Application fields

TUBOBLANC RBT is preferably recommended for the continuous brightening before the stenter frame but it can also be applied in finishing and easy care finishing. However, we absolutely recommend to carry out pretrials as the stability of TUBOBLANC RBT depends on the finishing agent in use, the resin and the pH value.

If TUBOBLANC RBT is applied in the discontinuous process, the white shading must follow after the bleach in a separate bath. The brightening process can also be combined with the application of the softener provided only a non-ionic softener is used.

### Application suggestions

Padding process:

2.0 – 6.0 g/l TUBOBLANC RBT depending on the desired shade

impregnate

dry

Exhaust method:

0.3 – 0.8 % TUBOBLANC RBT depending on the desired shade

3.0 g/l sodium sulfate

20 - 30 min at 40 – 95°C

**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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