

TUBINGAL HTKS

Character	hydrophilic softener
Chemical Structure	Functional polysiloxane with additives
Appearance	Bej liquid
Ionic Character	Slightly cationic
pH-Value	5.5 – 6.5
Specific Weight at 20 °C	Approx. 1.0
Stabilities	<p>TUBINGAL HTKS is stable to hard water, acids, alkalis and electrolytes in the usual concentrations.</p> <p>The product is highly sensitive to frost; after the impact of temperatures around the freezing point irreversible changes will occur. TUBINGAL HTKS is sensitive to heat as of 40 °C.</p>
Storability	If stored properly in closed original containers, TUBINGAL HTKS will hold for at least 12 months.

Properties

TUBINGAL HTKS stands out for the following properties:

- Excellent rewettability of the finished articles
- Excellent soft handle
- Highly suitable for full white and also applicable for moulding articles
- Can be combined with selected optical brighteners
- Applicable in exhaust and padding processes
- Improves the sewability
- stable to shearing and low foaming, applicable on jet dyeing machines
- Applicable in exhaust and padding processes
- Product doesn't contain AEEA

Application Technique

Diluting Instructions

TUBINGAL HTKS can be diluted with cold water to any desired application concentration.

Application Fields

TUBINGAL HTKS is excellently suited for the soft handle finishing of wovens and knits, particularly those made of synthetic fibres such as polyester and polyamide as well as their blends.

TUBINGAL HTKS can be used in numerous application fields. The product is suited for terry cloth fabric as well as for many different kinds of sportswear knits due to its hydrophilic properties. Further application fields are workwear and functional clothing as well as ready-made articles such as socks and stockings.

The product can be applied in padding and exhaust processes and it can be easily used on jet dyeing machines.

Recipe Proposals

The application amounts depend on the desired effect. The following quantities serve as standard values:

Exhaust process

%1.0 – 4.0	TUBINGAL HTKS
pH value:	5.0 – 6.0
Liquor ratio:	1:5 – 1:20
Temperature:	40 °C
Time:	20 min.
Drying:	under the industrial conditions

Padding process

10.0 – 40.0 g/l	TUBINGAL HTKS
pH value:	5.0 – 6.0
Liquor pick-up:	approx. % 70
Drying:	under the industrial conditions

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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