
TUBINGAL WES

Character	Softener with an excellent resiliency
Chemical character	Fatty acid condensation product with functional polysiloxane
Appearance	Light beige liquid
Ionic character	Non-ionic
pH-value	3.6 – 5.0
Specific weight at 20 °C	~0.99
Stabilities	<p>TUBINGAL WES is stable to hard water and acids in the usual plant concentrations. The product is not stable to alkalis since they cause impairments of the polysiloxane components.</p> <p>TUBINGAL WES is very sensitive to frost; having been exposed to temperatures considerably below the freezing point, permanent changes occur.</p> <p>TUBINGAL WES is heat sensitive above 40 °C.</p>
Storage	The storability of TUBINGAL WES is 12 months.

Properties

TUBINGAL WES has the following advantages:

- soft, greasy, surface-smooth handle
- good resiliency,
- a clear improvement of the handle in case of goods of OE-yarns
- non-ionic and can be applied as well on white goods and together with optical brighteners, if necessary, can be combined with resin finishing agents,
- does not yellow and is not steam-volatile
- applicable on yarns, improvement of the running properties and the handle,
- goods finished with TUBINGAL WES can be cross-dyed,
- excellent sewability,
- the surface-smoothing effect can be felt still after a fine laundering.

TUBINGAL WES can also be applied on specific jet dyeing machines. However, preliminary trials are recommended.

Application technique

Diluting instruction

TUBINGAL WES is miscible with cold, slightly acid water in every ratio.

Application fields

TUBINGAL WES is applied on all sorts of articles such as 100 % woollen cloth, knit goods and wovens of cellulose fibres, polyamide articles for bath costumes, sportswear and foundation garments, cotton and cotton/PES fabric and corduroy.

Application proposal

The application amounts depend on the material and the effect desired. The following amounts serve as a general guideline:

Exhaust method:

3.0 % TUBINGAL WES

pH 5.0 - 6.0 (with asetic acid)

20 min. at 40 °C

Padding method:

10.0 - 20.0 g/l TUBINGAL WES

pH 5.0 - 6.0 (with asetic acid)

Normally, dry as usual. The contained silicone cross-links at a temperature above 140 - 150 °C or after several days of storage at room temperature.

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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CHT GERMANY GMBH, P.O. Box 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, homepage: www.cht.com

CHT TURKEY KİMYA SAN. VE TİC.A.Ş., Akçaburgaz Mah. 3118. Sok. No:2 Esenyurt/İstanbul, Tel: :+90 212 886 79 13, Fax:+90 212 886 93 47,

Email: info.turkey@cht.com