

TUBINGAL SLC

Characterization	Microemulsion for the finishing of all kinds of fibres.
Chemical Structure	Aminofunctional polysiloxane based microemulsion
Appearance	Clear, yellowish viscous liquid
Ionic Character	Non-ionic
pH-Value of a 10 % solution	4.5 - 6.5
Specific Weight at 20 °C	Approx. 1.0
Stabilities	<p>TUBINGAL SLC is stable to hard water and acids in normal industrial concentrations.</p> <p>TUBINGAL SLC is sensitive to alkalis. Alkaline residues in the fabrics as well as pH-deviations of the water can impair the liquor stability.</p> <p>TUBINGAL SLC is sensitive to temperatures above 40°C.</p>
Storage	The shelf life of the product is 6 months if stored properly.

Properties

TUBINGAL SLC is usually applied by padding mangle method. The property profile of TUBINGAL SLC is as follows:

- sleeky handle in textiles
- natural soft feeling along with good internal softness on all kinds of textiles,
- optimum penetration of the active substances, therefore especially suited for the finishing of OES-yarn articles,
- non yellowing
- additive in the wrinkle free processing,
- improvement of the „wash-and- wear“ effects,
- improved sewability.

Application technique

Diluting instructions

TUBINGAL SLC can be mixed with cold water in any ratio without problems. Soft, weakly acid water should be preferably used for dilution.

Fields of application

TUBINGAL SLC imparts a smooth, natural soft handle on all kinds of textile articles. The product is preferable applied by padding method.

Recipe Proposals

The application quantities depend on the material used and the desired effect. The following recipes may serve as a general guideline:

Padding method

10.0 – 30.0 g/l TUBINGAL SLC

pH around 5.0 to 5.5 (with acetic acid %60)

Pick up approx. 60-80%

Drying 110 - 130°C

Easy-care finishing:

40.0 – 60.0 g/l REAKNITT FF

10.0 – 15.0 g/l Magnesium chloride

10.0 – 20.0 g/l POLYAVIN PEN (Nonionic HD polyethylene emulsion)

25.0 – 40.0 g/l TUBINGAL SLC

0.5 – 1.0 g/l Acetic acid (% 60)

Pick up : 80 %

Drying : 120 – 130 °C

Fixing : 150°C , 4 min.

(Drying/Fixing 170°C, 60 sec.)

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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