

**LUSHFEEL**

[Smoothness with lubricity]

**Product attributes:**

- **LUSHFEEL** is a **polymeric** quat softener.
- **LUSHFEEL** gives surface smoothness and fullness with lubricity.
- **LUSHFEEL** being a nano particle penetrates inside the core of the yarn in **hank** form and improves smoothness, bulkiness, colour brilliancy and strength of finished Cotton / acrylic yarn.
- **LUSHFEEL** is suitable for finishing 100% cotton, PC and PV fabrics.
- **LUSHFEEL** can replace conventional Polyethylene, Tallow and Stearate based softeners.

**Specifications:**

Appearance	:	Yellow paste
Solubility	:	Water soluble (temp. 60 – 70 °C)
Nature	:	Cationic (quaternary)
Solid content	:	98 ± 2%

**Preparation of 10% solution:**

- a. Take 9X gm of hot water.
- b. Add X gm of LUSHFEEL
- c. Add acetic acid (approx. 1%) to achieve pH of 4–5.
- d. Stir it for 15–20 min for preparing clear solution preferably with high-speed stirrer (1440 rpm).

## Application:

SUBSTRATE	TARGET PROPERTIES	RECOMMENDED DOSAGE OF 10% SOLUTION	
		Pad (gpl)	Exhaust (% owg)
<b>Cotton / acrylic yarn in hank form</b>	Softness, Better colour brilliancy, Surface smoothness, Improved tensile strength	N.A	1 to 3
<b>Cotton &amp; blended fabric woven/knitted</b>	Softness, Sewability, Surface smoothness	30 - 50	3 to 5
<b>Warp separator in rope denim yarn dyeing</b>	Surface lubricity with hydrophilicity	80 – 100	8 to 10
<b>Denim / drill</b>	Body breaking, Good Sewability	80 - 100	8 to 10

### Note:

- 10% solution of **LUSHFEEL** is stable under ambient temperature condition for 10 days.
- A slight yellowing of white fabric treated with **LUSHFEEL** may be caused by prolonged exposure to heat above 160 deg C.
- **LUSHFEEL** is recommended to be used in combination with **silicon softeners** to achieve higher **surface smoothness**.

## Complementary Products:

1. **LUXSIL** : Hydrophilic Cationic Softener
2. **VELVETROL** : Amino Silicone Softener
3. **ZYCROBIAL** : Retentive Antimicrobial, Anti Odour finish

## Storage:

- The material should be stored below 40°C in shaded area.
- The product on ageing may show slight haziness in diluted solution but will not affect the performance of the product.
- Stable for 12 months on storing in a shade at room temperature.

## Disclaimer:

*The information & data contained herein are given in good faith but without warranty. We recommend that before using our products, the customer should make his/her own tests to determine the suitability of the products for his/her own purpose under his/her operating conditions. As the circumstances under which our products are stored. Handled and used are beyond our control, we cannot assume any responsibility for their use by the customers*

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