

PRODUCT ATTRIBUTES

- LUXSIL is a Polymeric quat softener.
- LUXSIL (10% solution) forms transparent micro emulsion (nano particle size) in water. It provides more inner softness and better bulk to the finished substrate in comparison to other cationic softeners.
- LUXSIL imparts hydrophobicity to the finished substrate with reasonable retentivity.
- LUXSIL gives non-yellowing finish on curing finished fabric below 160 °C.

TECHNICAL DATA

FORM	
Physical Form	Pale yellow paste
Solid content	98 ± 2%
Nature	Cationic
Solubility	Water soluble

APPLICATIONS

Preparation of 10% solution

- Take 9X gms of hot water
- Add X gm of LUXSIL and maintain pH 4–5 by adding acetic acid
- Stir it for 15-20 min for preparing clear solution

SUBSTRATE	TARGET PROPERTIES	RECOMMENDED DOSAGE OF 10% SOLUTION	
		Pad (gpl)	Exhaust (% owg)
Cotton / acrylic yarn in hank form	Softness, Better colour brilliancy, Surface smoothness, Improved tensile strength	N.A	3 to 5
Cotton & blended fabric, woven, knitted, Terry towel	Inner Softness ,Hydrophilicity, good sew ability	10 – 60	1 to 6
Denim / Drill	Inner soft feel, body breaking, good sew ability with hydrophilic	30 – 60	3 to 6

COMPLEMENTARY PRODUCTS

- **SX100** : Silicon Softener
- **ZYCOSOFT CONC.** : Non-ionic Softener

STORAGE & SHELF LIFE

- Material should be stored in cool shade. Do not store in direct sun or at a temperature higher than 40 °C
- The product on ageing may show slight haziness in diluted solution but it does not affect the performance of the product
- Stable for 12 months if stored 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.