

# SX 100

## PRODUCT ATTRIBUTES

- SX 100 is a reactive silicone softener with amino backbone.
- SX 100 is suitable for bouncy, super slick and soft finish.
- SX 100 can be blended with other non-ionic / cationic finishing agents to achieve desired properties like hydrophilicity, anti-static, body & drape, surface smoothness etc.

## TECHNICAL DATA

FORM	
Physical Form	Clear to pale yellow translucent emulsion.
Solid content	30 ± 2%
Nature	Cationic

<b>Applications: Polyester finishing</b>	For disperse / cationic dyed polyester fabric /yarn / fiber, dosage is 2gpl to 15 gpl or 0.2% to 1.5% at 70% expression. It gives bouncy, soft and smooth result with good fall to Polyester varieties.
<b>PC / PV fabric</b>	Combination of other finishing agent + SX100 5gpl to 10 gpl or 0.5% to 1.0% at 70% expression will give good crease resistance, bounce and staple finish.
<b>Cotton Knits</b>	1% (on the weight of the fabric) by exhaust method.
<b>Suiting fabric</b>	10 gpl to 15 gpl
<b>Velvet fabric</b>	2 gpl to 10 gpl

**Note:**

- For excellent surface smoothness and lubricity on polyester, polyester-cotton blends, polyester-viscose etc.
- For bringing hydrophilicity and anti-static properties use Zyterge Base and SX100 in combination.
- For bringing in hydrophilicity, anti-static and soil release properties use Zyterge Base T and SX100 in combination.

It enhances the depth of dark printed or dyed fabric up to 20% with 10 to 15 gpl doses with unique brightness.

**Precautions:**

- SX100 should not be applied under high shear condition during application.
- Overdose of SX100 may cause thermo-migration problem and water resistance.

## Complementary Products:

1. **LUXSIL** : Cationic softener.
2. **LUSHFEEL** : Cationic Softener.
3. **ZYTERGE BASE** : Non-Ionic polyester resin based softener.
4. **ZYCROBIAL** : Retentive Antimicrobial, Anti Odour finish

## STORAGE & SHELF LIFE

- Store in a cool and dry place (below 40 °C).
- Keep the drum tightly closed and avoid inhalation.
- Minimum Shelf life of SX100 is 3 – 6 months.

## 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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