

VELVETROL

Finishing

Zydex[®]
Innovating for Sustainability

DESCRIPTION

- VELVETROL a Silicone softener for woven and knitted fabrics

PRODUCT ATTRIBUTES

- Economical, one shot ready to use product.
- Imparts soft feel with good hand feel for woven and knit.
- Water dispersible and can be applied either by exhaust and pad finish
- Excellent shear stability in padding & exhaustion processes, including jet & soft-flow finishing.
- Excellent compatibility with finishing baths (non-ionic/ cationic bath).
- Virtually no yellowing on the bleached fabrics.

TECHNICAL DATA

FORM	
Physical Form	Translucent cremish white at 30°C
Solid content	16 ± 1%
pH range	4-5
Nature	Cationic
Solubility	Water dispersible

APPLICATION

FORM	
Terry towel	Padding (wet on wet finish) with 15-30 gpl Exhaust with 1.5 - 3%
Bed linen	Padding with 15 - 30 gpl
Socks and undergarments (Knitted fabric)	Exhaust with 1.5 -3% / Padding with 15-30 gpl
Apparels (uniform wear, casual wear, sportswear, denim & baby wear)	Exhaust with 1.5 - 3% Padding with 15-30gpl

Note:

- For excellent surface smoothness and lubricity on polyester, polyester-cotton blends, polyester-viscose etc.
- It enhances the depth of dark printed or dyed fabric up to 10 – 20 % with 15 to 20 gpl doses with unique brightness.
- The pH of the finishing bath should be maintained 5.5 – 6.5 by Acetic acid/ Citric acid.
- The curing temperature ranges from R.T. to a maximum of 160 °C.
- To check the compatibility in lab before bulk usage to avoid any tonal difference.
- Overdose of Velvetrol may cause thermo-migration problem and water resistance.

COMPLEMENTARY PRODUCTS

- **LUXSIL** : Cationic softener
- **LUSHFEEL** : Cationic Softener
- **ZYTERGE BASE T** : Non-Ionic polyester resin based softener
- **ZYCROBIAL** : Retentive Antimicrobial, Anti Odour finish

STORAGE & SHELF LIFE

- Stirring is necessary before use.
- Do not store in direct sun or at a temperature higher than 40 °C.
- Keep the drum tightly closed and avoid inhalation.
- Minimum Shelf life of Velvetrol is 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.

VELVETROL PLUS

Finishing

Zydex[®]
Innovating for Sustainability

DESCRIPTION

It is a Silicone softener for woven and knitted fabrics.

PRODUCT ATTRIBUTES

- Economical, oneshot ready to use product
- Imparts soft feel with good hand feel for woven and knit.
- Water soluble and can be applied either by exhaust and pad finish
- Excellent shear stability in padding & exhaustion processes, including jet & soft-flow finishing.
- Excellent compatibility with finishing baths (non-ionic/cationic bath).
- Virtually no yellowing on the bleached fabrics.

TECHNICAL DATA

FORM	
Physical Form	Translucent cremish white at 30°C
Solubility	Water dispersible
Solid content	33 ± 2 %
Nature	Cationic
pH range	4 to 5

APPLICATION OF 25% DILUTED PRODUCT

Terry towel	Padding (wet on wet finish) with 10-20 gpl Exhaust with 1 - 2%
Bed linen	Padding with 10-20 gpl
Socks and undergarments (Knitted fabric)	Padding with 10-20 gpl / Exhaust with 1 - 2%
Apparels (uniform wear, casual wear, sportswear, denim & baby wear)	Padding with 10-30 gpl, Exhaust with 1 - 3%

Note:

- For excellent surface smoothness and lubricity on polyester, polyester-cotton blends, polyester-viscose etc.
- It enhances the depth of dark printed or dyed fabric up to 10 – 20 % with 10 to 15 gpl doses with unique brightness
- The pH of the finishing bath should be maintained 5.5– 6.5 by Acetic acid/Citric acid
- The curing temperature ranges from R.T. to a maximum of 160°C
- To check the compatibility in lab before bulk usage to avoid any tonal difference
- Overdose of Velvetrol Plus may cause thermo-migration problem and water resistance

COMPLEMENTARY PRODUCTS

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

STORAGE & SHELF LIFE

- Stirring is necessary before use
- Do not store in direct sun or at a temperature higher than 40 °C
- Keep the drum tightly closed and avoid inhalation
- Minimum Shelf life of Velvetrol Conc is 6 months

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VELVETROL SUPER

Finishing

Zydex[®]
Innovating for Sustainability

DESCRIPTION

It is a hydrophilic silicone softener for woven and knitted fabrics.

PRODUCT ATTRIBUTES

- Velvetrol Super is a unique silicone softener for giving hydrophilicity and softness.
- This silicone softener is giving hydrophilicity as well as softer feel terry towel, socks and undergarments.
- Velvetrol Super is a reactive silicone softener with amino backbone.
- Velvetrol Super can be blended with other non-ionic / cationic finishing agents to achieve desired properties like anti-static, bulk & drape, surface smoothness, etc.

TECHNICAL DATA

FORM	
Physical Form	Clear emulsion
Solid content	35 ± 2 %
Nature	Cationic

APPLICATION

Terry towel	Use the dosage from 10 gpl to 15 gpl or 1% to 1.5%. It gives bouncy, soft and water absorbance
Polyester finishing	For disperse / cationic dyed polyester fabric /yarn / fiber, dosage is 2gplto 15 gpl or 0.2% to 1.5%. It gives bouncy, soft and smooth result with good fall to Polyester varieties.
PC/PV fabric	Padding with 10-20 gpl / Exhaust with 1 - 2%
Cotton Knits	1% (on the weight of the fabric) by exhaust method.
Suiting fabric	10 gpl to 15 gpl
Velvet fabric	2 gpl to 10 gpl

Note:

- Velvetrol Super should not be applied under high shear condition during application.
- Overdose of Velvetrol Super may cause thermo-migration problem

COMPLEMENTARY PRODUCTS

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

STORAGE & SHELF LIFE

- Do not store in direct sun or at a temperature higher than 40 °C
- Keep the drum tightly closed and avoid inhalation.
- Minimum Shelf life of Velvetrol Super is 6 months.

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