

DESCRIPTION

Zyterge base T is a retentive, non-ionic, high molecular weight, water-soluble polyester-polyethylene glycol resin.

PRODUCT ATTRIBUTES

- The polyethylene glycol chain of Zyterge base T allows it to maintain hydrophilicity while the polyester group anchors to the surface of the polyester fabric. This allows wicking properties (hydrophilic finish) & release of static charge with good retentivity (15-20 washes)
- It acts as a soil release agent for 100% polyester & its blend with good retentivity (15- 20 washes)
- The product when used as pre exhaust at 70-80 °C on hydrophobic substrates like polyester / acrylic helps as dye leveller & marks hydrophobic impurities or defects.
- It when used as pre-exhaust on polyester prevents re-deposition of oligomers.

TECHNICAL DATA

FORM	
Colour	Yellow
Physical Form	Waxy Solid
Solid content	98 ± 2%
Nature	Non-ionic

SOLUTION MAKING PROCEDURE

Preparation of 30% solution

Zyterge base T is a solid product. Preparation of 30% solution is as follows:

- Zyterge base T(100%) : 30 Part & Water: 70 Part
- Take Zyterge base T(100%) in a vessel and heat it up to 70-80°C using either by electric heater or gas burner or oil bath or water bath.
- In other vessel take water and keep it in stirring condition.
- Add the melted product slowly to the water under stirring condition.
- Keep it under stirring for 15- 20 min, till the solution becomes homogeneous.
- Cool it down to room temperature & 30% solution is ready.

TRADITIONAL TEXTILE APPLICATIONS

FINISHING

Exhaust / pad finish on 100% polyester fabric and blended fabric with ZYTERGE BASE T at dosage level 15-30gpl gives reasonably good feel, hydrophilicity, soil release and moderately antistatic properties. ZYTERGE BASE T is reasonably durable for 15 - 20 home launderings. The product can be used with other finishing agent for improving the comfort value of polyester fabrics. Drying cum curing may be done at above 160-180°C for better adsorption of the product.

Notes:

ZYTERGE BASE T should be diluted in water before adding to any bath. Compatibility of chemical bath needs to be checked.

PACKING SIZE

- 35 KG net narrow mouth HMHDPE Polycan
- 220 KG net narrow mouth HMHDPE Drums

COMPLEMENTARY PRODUCTS

- **LUXSIL**: Cationic softener
- **LUSHFEEL**: Cationic Softener
- **VELVETROL, VELVETROL+, VELVETROL SUPER**: Silicone softener
- **ZYCROBIAL**: Retentive Antimicrobial, Anti Odour finish

STORAGE & SHELF LIFE

- Keep the drums of ZYTERGE BASE T in a cool shade.
- Do not store in direct sun or at a temperature higher than 40 °C.
- Minimum shelf life is 12 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.

ZYTERGE BASE T