

## ZYTERGE BASE T

### 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	
Color	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
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**Note:** 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

1. **SX100:** Silicon softener
2. **ZYCROBIAL:** Antimicrobial

## STORAGE &amp; 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.

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