

**[Polymeric anti-back staining agent for denims]****Product attributes:**

- ZYTERGE BASE PW is used for effective suspension of unfixed indigo / sulphur dye, size particles etc. from denim garments.
- High molecular and unique block structure resulting into large bowl type of structure. This allows ZYTERGE BASE PW to encapsulate the suspended dye and size particles and ensures excellent stability even at low fabric to liquor ratio.
- ZYTERGE BASE PW prevents back staining of dyes on the garment (improved washed look) and on pocket fabric (improved whiteness) thereby giving desired look.
- ZYTERGE BASE PW washed denim garments also improves the fullness and softness after finishing.

**Specifications:**

Physical Form	:	Whitish solid
Diluent	:	Water
Solid content	:	98 ± 2%

**Solution making procedure (30%):**

ZYTERGE BASE PW is a solid product. Preparation method is as follows:

ZYTERGE BASE PW (100%) - 30 parts  
Water - 70 parts

- Take ZYTERGE BASE PW (100%) in a vessel and heat it up to 150 Deg. using either electric heater / gas burner or oil bath.
- In other vessel take soft water.
- In above water add ZYTERGE BASE PW melt slowly with stirring.
- Keep stirring for 10-15 minutes, till solution becomes homogenous.
- Cool it down to Room Temp. 30% solution is ready.



## Application:

Denim garment washing	ZYTERGE BASE PW 30 % dosage at 0.5 – 1.0% on the weight of the garment.
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## Procedure:

Amylase	→ 0.2% on the wt of fabric
Material liquor ratio	→ 1:6
Temperature	→ 70°C
Zyterge base PW (30% Sol.)	→ 1% on the wt. of the garment

## Storage:

- At room temperature 30% diluted solution of ZYTERGE BASE PW has slight thickening tendency. So mixing is necessary before further use.
- Keep drums of ZYTERGE BASE PW 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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