



## Privilege Products for Textiles

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### Novazyme TSL

Novazyme TSL is a thermostable alpha amylase enzyme which has heat stability which can breakdown starch based sizing agents effectively.

#### Technical Specifications :

Appearance	: Brown liquid
Density	: 1.1 gm/cc
Compatibility	: Effectively used at pH between 6-7
Solubility in water	: Easily miscible
Storage	: Store product in closed containers. Store in a cool place. Prolonged storage should not exceed 30 C.
Shelf Life	: Six months under advised conditions

#### Advantages :

Effective desizing at high temperature range i.e: 70 – 80 C

Novazyme TSL does not damage fibres.

#### Application :

##### A.Jigger Application :

Novazyme TSL : 2 – 4 gpl

- a. Run 4 ends at 70 – 80 C
- b. Alkaline wash with caustic and Novatex SW Liquid at 90 – 95 C ,  
Run 2 ends .  
Neutralize and rinse.

##### B.Jet / Winch Application:

Novazyme TSL: 1-3 gpl

For best results also use Novatex SW Liquid , which is a strong dispersant for

solubilized waxes ,desized impurities,waxes , water hardening salts ,degraded starch.  
This also improves cleansing and whiteness of the fabric.

Further ,

Treat the fabric as under :  
Novatex SW Liquid : 1-2 gpl  
Caustic Soda 50% : 2 - 3 gpl

This treatment removes solubilized starch which is washed out with this treatment.  
The fabric is then bleached as required.

C. Pad-Roll Batching Method :

Impregnation Liquor :  
Novazyme TSL : 2 – 6 gpl  
Novatex HWT: 3 – 5 gpl

Temperature : 70 – 80 C  
Pick up : 80-90%

Pad and batch as under :  
At 80 C batch for 1-2 hours  
Cold process , dwell for 6-8 hours.

Further ,

Treat the fabric as under :  
Novatex SW Liquid : 2 gpl  
Caustic Soda 50% : 2 - 3 gpl in the first hot wash compartment.

Packing : 50 Kg HDPE Carboys.

The information offered in this leaflet is true and accurate to the best of our knowledge  
But WITHOUT GUARANTEE

