

Technical Data Sheet

PRODUCT ATTRIBUTES

- ZYDEX 2301 is new flexible acrylic polymer dispersion.
- ZYDEX 2301 improves wet pickup by 15 - 20%, which allows more surface deposition of size and reduces hairiness in the sized yarn, which is a critical requirement for air jet looms.
- ZYDEX 2301 helps the sizer to replace PVA partially for easy desizability and effluent disposal.

TECHNICAL DATA

FORM	
Colour	Pale Yellow Liquid
Diluent	Water
Solid content	38 ± 1%
Viscosity	750 - 2500 Cps

APPLICATION GUIDELINE

- The recommended dosage of ZYDEX 2301 for cotton / PC / PV is 1 – 3% on the weight of starch.
- ZYDEX 2301 replaces maximum up to 6% PVA on the weight of starch. (1 Kg ZYDEX 2301 = 1.5 – 2.0 Kg PVA), Acrylic binder can be replaced on cost-to-cost basis subject to maximum dosage restriction.

SOLUTION MAKING GUIDELINES

- Take desired level of water and add starch with stirring.
- Add ZYDEX 2301 along with other ingredients and transfer to the pressure cooker.
- Heat till the starch is completely cooked and degelatinized.
- Add softener to the above mixture and transfer to the sizing box.

COMPLEMENTARY PRODUCTS FOR SPUN YARN SIZING

- SIZOLAQ / ZYTOPLAST : Modified starch for spun sizing.
- ZYDEX 2304 / ZYDEX 2400 : Specially polyester resin for abrasion resistance and flexibility
- ZYDEX 4502 : Odor free, waxy softener for improved lubricity, bonding and desizability.

STORAGE & SHELF LIFE

- Keep the carboys of ZYDEX 2301 in a cool shade. Do not store above 40 °C or under direct sun.
- 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.