

ZYDEX 2400**[For abrasion resistance]**

Synthetic water soluble polyester resin to improve adhesive and cohesive power of spun sized yarn

Product attributes:

- ZYDEX 2400 is ideal for fine cotton counts and denser sorts as it can give better binding, abrasion resistance while maintaining lower viscosity of size paste.
- The product is suitable for PC / PV blends to improve cohesive strength, abrasion resistance and flexibility of the sized yarn.

Specifications:

| | | |
|---------------|---|-----------|
| Solid content | : | 25 ± 1.5% |
| pH | : | 6.5 – 7.5 |
| Viscosity | : | 5 – 50 CP |

Application guidelines:

| COUNT | RECOMMENDED DOSAGE / 100 KG OF STARCH |
|----------------------|--|
| Coarse count cotton | 2 to 5 kg |
| Medium count cotton | 5 to 15 kg |
| Fine count cotton | 10 to 40 kg |
| Coarse count PC / PV | 5 to 15 kg |
| Medium count PC / PV | 10 to 20 kg |
| Fine count PC / PV | 15 to 30 kg |

Higher dosage required for denser sorts and air jet looms.

- For 100% spun polyester use 85 kg of starch (recommended starch could be acid modified or oxidized), 35 kg of ZYDEX 2400 (9% on solid basis), 4 kg ZYDEX 2300 and 2 kg of ZYDEX 2501. Keep refractometer reading around 12 –18% depending upon count.



Solution making guidelines:

- Take desired level of water and add starch with stirring.
- Add ZYDEX 2400 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.

Complimentary products:

- **ZYTOPLAST, ZYTOPLAST TT, SIZOL AQ:** Modified starch for spun sizing
- **ZYDEX 2300:** Acrylic based binder for spun yarn sizing
- **ZYDEX 2501:** Softener for spun yarn sizing

Storage:

- Keep carboys of ZYDEX 2400 in cool shade. Do not store above 45°C or under direct sun.
- Minimum shelf life of ZYDEX 2400 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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