

### PRODUCT ATTRIBUTES

ZYCOSTIFF is a new generation polyester resin for fabric finishing & bonding polyester fibre for Wadding/ Non-woven fabric. The small Nano size particle of the resin helps in better penetration and provides multi-point bonding even in the inner layers of the substrates.

| FEATURES   | BENEFITS   |
|--|--|
| Structure with perfect combination of polar and non-polar groups | Exceptional adhesion to substrate surface                              |
| Smaller particle size & hence better penetration                 | Stiffer feel & Improved resiliency of wadding / Non woven and textile. |
| Excellent cohesive & adhesive strength                           | Stronger binding at even lower dosage levels. Better final product     |
| Lower film forming temperature                                   | Curing at temperature i.e. 110 –120 °C                                 |

### TECHNICAL DATA

| FORM          |                    |
|---------------|--------------------|
| Physical Form | Translucent liquid |
| Solubility    | Water soluble      |
| Solid content | 25 ±1.5 %          |
| Nature        | Anionic            |
| pH range      | 6.5 to 7.5         |
| Viscosity     | 50 – 100 Cps       |

## APPLICATION

Dosage will vary with the stiffening required. Combination with Polyvinyl Acetate emulsions help to minimize finishing cost with better finish.

## STORAGE & SHELF LIFE

- The material should be stored in cool shade. Do not store in direct sun or at a temperature higher than 40 °C.
- The product on ageing may show slight haziness in diluted solution but it does not affect the performance of the product.
- Stable for 12 months if stored in a shade at room temperature.

### **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.