**PRODUCT: ANTI-BACK STAIN AGENT (ABS)**

**Description:**

This superior quality Anti Back Stain Agent is new generation anti back staining agent for denim, high molecular compound, has powerful dispersing ability, good anti-back staining and excellent stability. It is environment friendly and APEO free.

Efficient Anti-Back Staining Agent is an outstanding anti-back staining agent for denim washing. Can be used in denim fabric washing process, prevent indigo that dropped from the fiber to stain the fabric again, and avoid contamination of white weft yarns and pocket cloths. Improve washing quality.

ABS can be used in denim fabric’s acid enzyme, neutral enzyme and cold water enzyme washing process, which has no influence on enzyme activity. It can also be used in denim fabric’s common washing. Besides, It can be used as a dispersant, prevent dye aggregation and contamination of equipment.

**Characteristics:**

1. Has good emulsifying, dispersing and absorbing ability for indigo dyes, can prevent indigo back staining and improve color contrast and fabric brilliance;

2. Can improve color fastness after stone washing;

3. Be used with enzyme or used general washing process, improve effect of washing;

4. Be high concentrated, dilute it before using, stable diluted solution, easily used.

**Properties:**

|  |  |  |
| --- | --- | --- |
| Physical form | **:** | Transparent Liquid |
| pH value | **:** | 6.0～7.0 |
| Ionic character | **:** | Non-ionic |
| Solubility | **:** | freely soluble in water |
| Stability | **:** | Stable to common acid, alkali and hard water |

**Applications:**

* **Indigo Anti-back staining** 
  + Dosage：1.0-3.0% (o.w.f)
  + Add ABS to the washing bath adjusts the required pH, and then add the washing cellulose. Moreover, you can put in the same amount of ABS to the designing, enzyme washing and rinsing processes respectively, if better anti-staining effect is expected.
* **Dispersant for dyeing**
* Dosage：0.75-3.0% (o.w.f)

Add ABS directly to the dyeing bath, and then add dyes for dyeing.

**Competitive Advantages of the product:**

* Excellent anti redeposition or anti back staining properties.
* No effect on fabric/garment hand feel.
* Versatile application methods.
* Compatible with all garment washing chemicals
* Does not interfere with enzyme performance.
* Helps clean white cotton components of the garments.