

Ultrasoft® STAT | Technical Data Sheet

Product Information

The **Ultrasoft® STAT** is a hydrophilic auxiliary polymer, which imparts soil release, wicking, softness and anti-stat properties, for polyester and cotton / polyester blends. It also works as a softener giving an excellent touch, and giving a "cool" feeling of freshness.

Benefits

- It confers a very soft and voluminous touch
- Excellent maintenance of the absorption properties of hydrophilic tissues.
- Increases the elasticity and elastic recovery of the fabric
- Causes and anti-stat effect
- Resistance to tearing.
- Resistant effects to mild washing.
- It imparts lubricity.
- Excellent for white garments

Physical and Chemical Characteristics

Technical Data	Specs
Chemical Description	Polyurethane
Ionic Character	Slightly cationic
Appearance	Slightly cloudy liquid
pH	4.5 - 6.0
Solubility	Totally soluble in water
Density	1.0 - 1.10 g/ml

Product Application

The amount to use of this product depends on the desired effect.

When it is going to be used for sublimation process, make sure to use this product in Jet in exhaustion, since the same properties that cause it to be a voluminous touch and wicking, are the same that cause the movement of color on the surface of the fabric , causing low resistance to washing.

Storage

This product can be stored up to 12 months with no problem, we recommend not exceeding the temperature range between 4°C - 40°C while being stored. If product is held beyond its 12 month manufacturing date, please run stability test to guarantee stability of the product.

Packaging

Ultrasoft® STAT can be delivered in 200kg drums, or 1000 kg totes.

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The above recommendations are based on extensive results done in the most professional manner. The user must try this product industrially first, to verify if the product is viable for further use. The technical information and application advice given in this **Novachem** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. These results however verified and certified by a third party, do not hold us liable in terms of performance deviations. These tests have been conducted in controlled environments. The user is responsible for checking the suitability of products for their intended use.

For further information and to request samples, please visit **novachemgroup.com** where a qualified technician will assist you.