

Copolymer® T | Technical Data Sheet

Product Information

Copolymer® T is a hydrophilic auxiliary polymer, which imparts soil release properties, wicking, softness and anti-stat characteristics to polyester and polyester/cotton blends. This product contains special surfactant properties that allow increased penetration into the fabric, and give a longer wicking effect after several washes.

Benefits

- Provides a very soft and voluminous feel
- Repels oily soils
- Prevents 'Soil Release' re-deposition
- Excellent maintenance of the absorption properties of hydrophilic fabrics
- Improves anti-wrinkle properties
- Causes an anti-stat effect
- Tear resistance
- Gentle washing resistant effects
- Imparts lubricity

Physical and Chemical Characteristics

| Technical Data | Specs |
|----------------------|--------------------------|
| Chemical Description | Hydrophilic polymer |
| Ionic Character | Non-ionic |
| Appearance | Beige Liquid |
| pH | 3.78-5.78 |
| Solubility | Totally soluble in water |
| Solids | 12-16 % |
| Density | 1.0-1.2 g/ml |

Product Application

We recommend using between 1 - 4% owg per exhaustion on polyester, depending on the type of finish and wash resistances required by the customer. The ideal product exhaustion temperature is 130°C, as this product works in the 'plastic' state of the polyester, or the 'glass-transition-stage'. When applied at this temperature, the product achieves effective penetration and becomes impregnated into the fiber.

Packaging

Copolymer® T 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.