



BIOPURE[®] FRESH & SOFT

BIOPURE FS7 Coconut-based Odor Control Softener

BIOPURE FS7 is a hydrophilic softener that is made from coconut oil and designed to effectively adsorb odors to ensure long-lasting freshness. It also imparts textiles with exceptional softness, a smooth surface, and moisture wicking performance. This innovative softener enhances the comfort and functionality of the treated article, offering a sustainable all-in-one specialty solution that helps minimize chemical inputs.

Ideal for a wide range of applications, BIOPURE FS7 delivers superior performance that is consistent and reliable across various fabric and fiber-types. The advanced odor control properties ensures that the treated article will look, feel, and stay fresh. Our proprietary softening agent is a unique all-in-one solution that is both sustainable and cost-effective. For more information, please consult the Technical Data Sheet.

Technology Benefits

Non-biocidal odor control performance for all fiber-types

Excellent soft touch and moisture wicking for all fiber-types

Improves anti-static performance on polyester and nylon

Maintains fabric breathability, for a comfortable experience

Optimal runnability, allowing for uninterrupted production

Compatible with commonly used finishing auxiliaries, including optical brighteners and cross-linking agents

Contains 69% bio-based content per test method ASTM D6866

Certified bio-based technology per USDA BioPreferred Program

Does not contain siloxanes



ECO
PASSPORT

Ø ZDHC



Performance Features

Penetrating Softness
Surface Smoothness
Moisture Wicking
Odor Control

Durability

40 Home Launderings

Application Methods

Padding
Exhaust
Spray

Optimal For All Fiber-Types

Cellulosic (Cotton, Hemp, Linen, Wool, etc.)
Synthetic (Polyester, Nylon, etc.)
Manmade Cellulosic (Viscose, Lyocell, etc.)
Recycled & Blends

Compliance

GOTS V7.0
ZDHC Level 3
OEKO-TEX EcoPassport
USDA BioPreferred
Dermatologist Tested

How It Works

BIOPURE FS7 penetrates deep within the fiber, where it forms durable bonds. The functionalized coconut oil-based fatty acids bind within the fiber matrix that ensures strong fiber integration rather than just a surface coating. BIOPURE FS7 attracts odor compounds and forms weak bonds that prevents an odorous smell, providing consumers with a refreshing and comfortable experience.

How To Verify Performance

Validated through standardized testing methods and practical, quantitative and qualitative, analytical methods.

ISO 17299-3: Evaluates the odor control of a textile product using a gas chromatography test method.

AATCC TM197: Evaluates the ability of vertically aligned fabric to transport liquid along and/or through them, and is applicable to woven, knitted, or nonwoven fabrics.

Marketing Support

Products treated with a BIOPURE technology and validated to meet performance requirements, are eligible to utilize our BIOPURE branded marketing materials.

Our in-house marketing team is available to provide support with brand positioning, claims language, and Point-Of-Sale materials such as custom hangtags.

