



BIOPURE[®] MAX FRESH

BIOPURE OC6 Castor-based Odor Control Finish

BIOPURE OC6 is our castor oil-based odor control technology that delivers superior odor adsorption performance for treated textile products. Its odor neutralizing nature transforms textiles into consumer desired products that contain all-day freshness that eliminate the limitations of a fabric becoming smelly due to sweating because of a busy day or active lifestyle.

BIOPURE OC6 leverages the unique properties of castor oil to deliver advanced odor adsorption benefits by forming strong bonds deep within the textile fiber. These strong bonds ensure durable performance that can last through 50 washes, making BIOPURE OC6 the optimal choice. These advanced properties also allow our technology excel in challenging textile segments, such as: activewear, outdoor, intimates, and home textiles. For more information, please consult the Technical Data Sheet.

Technology Benefits

Superior non-biocidal odor control performance for all fiber-types

Exceptional affinity to attract odor compounds, preventing odor smells

Improves anti-static performance for polyester and nylon

Maintains fabric breathability, for a comfortable experience

Optimal runnability, allowing for uninterrupted production

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

Contains 65% bio-based content per test method ASTM D6866

Certified bio-based technology per USDA BioPreferred Program

50 Wash Durability



ECO
PASSPORT

Ø ZDHC



Performance Features

Odor Control

Durability

50 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

As an effective and efficient odor control finishing agent, BIOPURE OC6 rapidly attracts odor compounds like isovaleric acid and ammonia to form a weak bond that prevents the odor compound from generating odor. This unique mechanism allows for durable and reliable performance that is perceptible to the consumer, providing 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.

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.

