



BIOPURE[®] HYDRO SOFT

BIOPURE[®] HS5 Hydrophilic Softening Agent

A coconut oil-based hydrophilic softener that imparts soft touch, silk-like surface smoothness, and moisture wicking for textiles. This innovative softener enhances the comfort and functionality of textiles while also offering a sustainable, plant-based solution that helps diminish the use of conventional silicone softeners and synthetic resins.

Ideal for a wide range of applications, BIOPURE[®] HS5 delivers consistent and reliable performance across various fabric constructions and fiber-types. It provides excellent performance on cotton, polyester, nylon, wool, hemp, linen, man-made cellulosic fibers, and blends. It is uniquely capable in surpassing the comfort and performance-driven needs of the modern consumer.

How It Works

HS5 penetrates and forms durable bonds with the fiber, this is achieved through the coconut oil-based functionalized fatty acids that bond with any fiber-type through cationic bonding, interacting with hydroxyl groups, and covalent bonding for strong integration rather than just a surface coating. The superior affinity provides excellent softness and moisture wicking performance that lasts through 30 washes.

Technology Benefits

Excellent hand for cotton, linen, hemp, synthetics, and blends

Offers reliable 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 other finishing auxiliaries, including OBAs

Contains 72% bio-based content per test method ASTM D6866

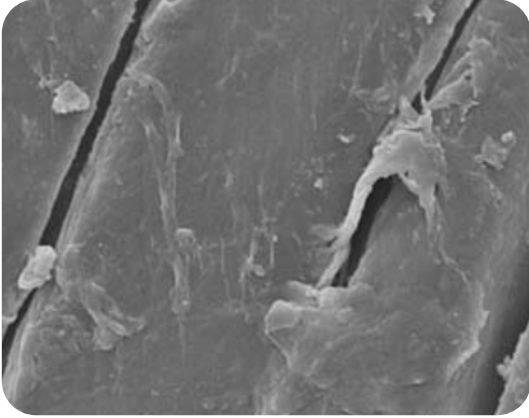
Does not contain cyclic siloxanes or silicone

Does not contain formaldehyde



MINDFUL
PIONEERING





Untreated

Performance Features

Penetrating Softness
Surface Smoothness
Moisture Wicking

Durability

30 Home Launderings

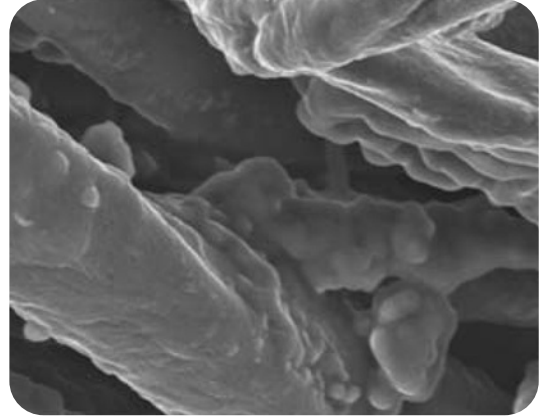
Application Methods

Padding
Exhaust
Spray

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.



Treated

Optimal For All Fiber-Types

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

Certifications

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

