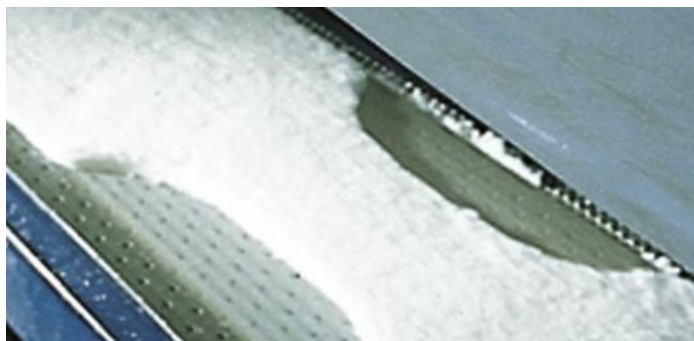


AL-Adhesion II



Polyethylene (PE) / Polypropylene (PP) bicomponent fiber suitable for use in AirLaid processes for formation of thermal bonded structures. Especially developed to deliver high efficiency and low cost-in-use in formation of absorbent structures.



Why use

ES FIBERVISIONS® AL-Adhesion II

Enhanced Bonding efficiency

The AL-Adhesion II fiber is engineered for enhanced bonding efficiency towards non-synthetic fibers. This secures a good dust control for absorbent structures containing absorbent material such as SAP or cellulosic fibers.

Low-emission alternative to glue (No VOC's)

Furthermore the enhanced bonding properties give the abilities to form absorbent structures with low level of synthetic content without the use of chemical resin binders.

Excellent fiber opening and dispersion

The fibers are treated with a special developed spin finish to provide excellent opening and dispersion within the fiber matrix. This is a critical element towards low level of synthetic content, enabling a low cost in use operation.

Customized to Your Process

Fiber titer, cut length, crimp and lubrication are tailored to the needs of the application and of the customer to assure excellent process quality

We believe in Safe-by-Design

Through the active engagement from FiberVisions Product Stewardship group (FVPS) within **Product Safety**, **Regulatory Affairs** and **Sustainability** we continuously expand our capabilities to deliver safe in use products for the global market.



Our strength - your benefit!

Typical fiber properties



Titer 1.3 ; 1.7dtex



Fiber length 3, 4, 6, 12 mm



Melting points Sheath: 130° / Core: 160°C

REQUEST A TRIAL FOR YOUR NEXT APPLICATION!

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Performance profile of *ES FIBERVISIONS* bicomponent fibers

ES FIBERVISIONS™ has a broad experience with regard to the interrelationship between fiber properties. Under normal conditions, one change of fiber properties will affect several other parameters. We operate our own pilot facilities in major regions of the world and working with you we will design what you need.

The properties of our bicomponent fibers can be engineered by enforcing the fiber's inherent physical and chemical properties and adding the new functionality by means of additives (chemicals, botanicals, etc.), surface treatment and new or additional processes.

Scientific contributions, data collection from thousands of trials and knowledge from our network of co-operation partners are of course available to customers when designing a new fiber. In this way our experience will benefit your development projects.