

## VERDI – MODIFIED VISCOSE FIBRE

VERDI is an anionic viscose fibre with a pronounced core-sheath-structure.

Its **key properties** are:

**- Water vapour and moisture management**

VERDI absorbs approximately twice as much water vapour and liquid water than standard viscose.

**- Self extinguishing**

VERDI exhibits self-extinguishing properties.

**- Non-sticking surface effect**

In wet state VERDI fibres display a non-sticking surface effect.

**- Self-bonding properties**

deliver higher dry-strength to papers and wetlaid.

**- Anionic charge of Verdi fibre**

gives high affinity to cationic ingredients.

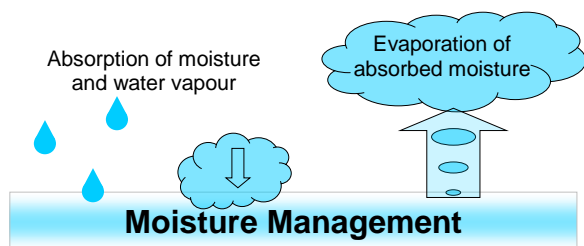
**Applications:**

VERDI can be used in 100% or in blends with other fibres such as viscose, cotton or synthetics for

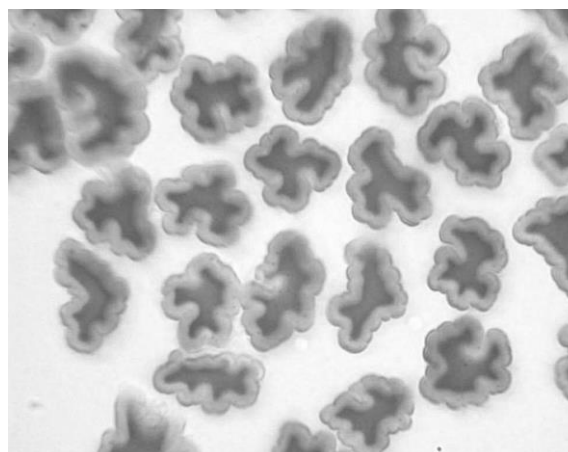
- Functional, water vapour and moisture regulating textiles
- Absorbent materials such as wound dressings, highly absorbent wipes
- Strong, porous papers

**Processing:**

VERDI can be processed on ring spinning equipment, nonwoven and wetlaid technologies.



**Cross-Section of VERDI**



**Availability**

Decitex	Cutting length (mm)	
1,7	3 - 12	Wet short cut
1,9 / 3,3	40	Staple
6,7	60	Staple

Other dtex / staple lengths are available on request.

**Property Profile**

Fibre property	Unit	VERDI
Tenacity	cN / tex	20 - 23
Elongation at break	%	18 - 21
Water retention	%	140 – 180
Lustre		bright

For more information about our products please email to: [sales@kelheim-fibres.com](mailto:sales@kelheim-fibres.com) or call Germany +49 9441 99-519. Please visit also our website: [www.kelheim-fibres.com](http://www.kelheim-fibres.com)

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