

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.

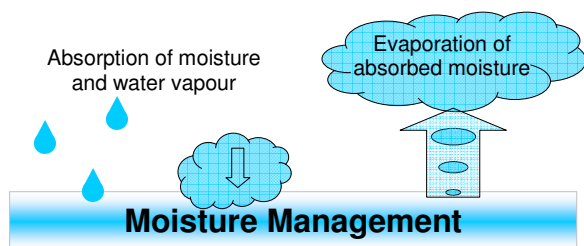
Applications:

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

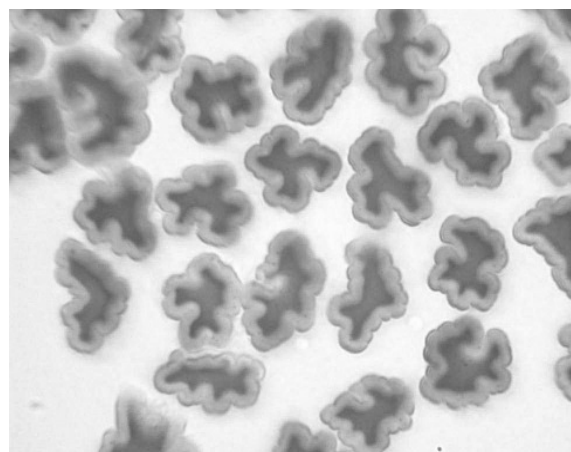
- Functional, water vapour and moisture regulating textiles
- Absorbent materials such as wound dressings, highly absorbent wipes
- Strong, porous papers

Processing:

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



Cross section of Verdi



Availability:

Decitex	Cut 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		
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: functionalfibres@kelheim-fibres.com or call Germany +49-9441-99561. Please visit also our website www.kelheim-fibres.com .

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