

Bellini – ultra-flat viscose fibre

Bellini is an ultra-flat viscose fibre with a thickness to width ratio of between 1:10 up to 1:20.

With its good dispersibility and high self-bonding properties, Bellini is the first choice for paper applications.

Less than 5% of Bellini added to paper pulps increase tear length, doublefold number and strength of the finished paper.

Bellini can be used to increase the paper density.

Spunlacing of Bellini requires low pressures to reach high strength. Spunlaced Bellini wipes have an improved cleaning performance for oil & fat.

Applications:

Bellini can be used in blends with pulp for:

- Improvement of paper quality
- Special papers, such as map papers, document papers, currency papers
- Lightweight papers
- Replacement of linters or Polyester in paper
- High density papers

Bellini can be used in 100 % or in blends with other natural or synthetic fibres for:

- Household and industrial wipes

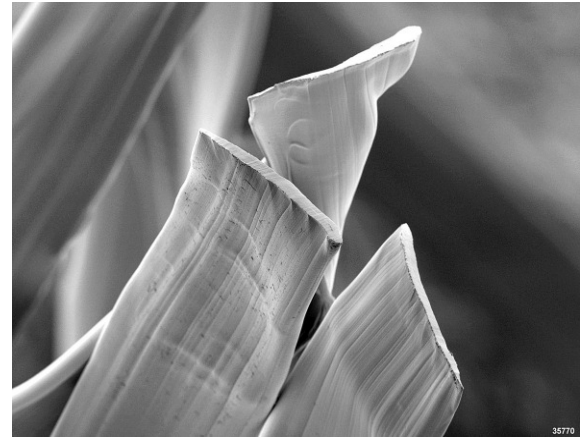
Processing:

Bellini can be processed on paper, nonwovens and wetlaid technologies

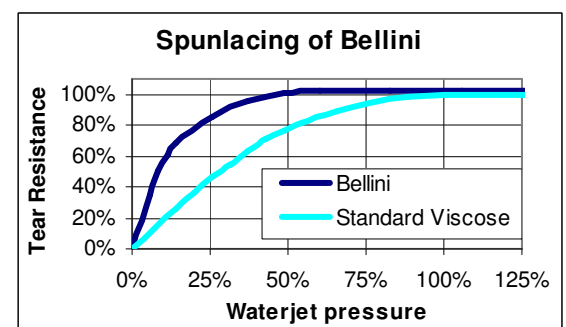
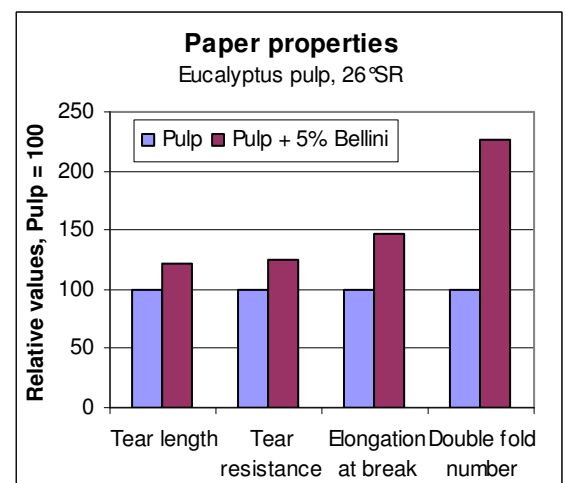
Properties / Availability:

Tenacity (cN / tex)	14
Elongation at break (%)	18
Water retention (%)	120 – 180
Approx. Thickness (µm)	2-4

Other dtex / staple lengths are available on request.



SEM image of Bellini



Decitex	1.7, 2.1
Staple (mm)	40
Wet short cut (mm)	3, 4, 5, 6, 8, 10, 12
Lustre	bright

For more information about our products please email to: functionalfibres@kelheim-fibres.com or call Germany +49-9441-99353. Please visit also our website www.kelheim-fibres.com . 09/2011

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