

Microfine – pure cellulose, finer than silk

Microfine is one of the world's finest viscose fibres. The fibre with its titer of 0.5 dtex is finer than silk.

Microfine is made out of 100% renewable cellulose, a natural raw material, and is fully biodegradable and more sustainable than synthetic microfibres.

Applications:

- Textiles:

Microfine can be spun to yarns as fine as Nm 170 (5.9 tex, 53 den).

Microfine imparts fabrics a soft, flowing drape and an outstanding brilliance. On the skin, the silky touch of Microfine delivers a lightweight luxury handle and excellent wearer comfort.

Microfine is the best choice for high quality outer- and underwear.

- Nonwovens:

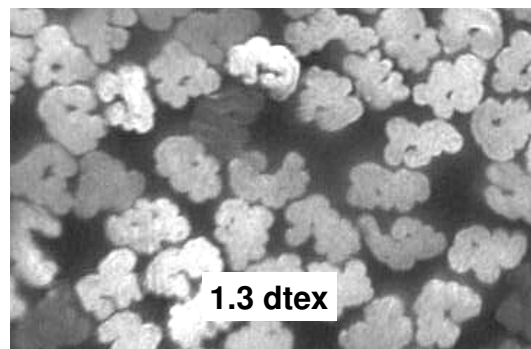
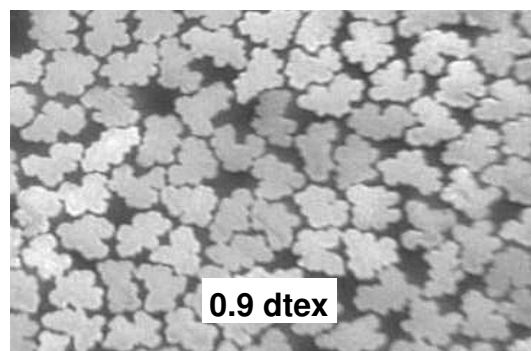
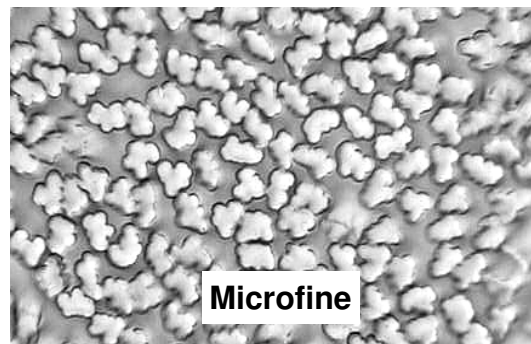
Microfine nonwovens have a higher fibre density which improves the performance of wipes.

- Flock / Wetlaid / Paper:

The low titer of Microfine offers new opportunities in papermaking or flock applications.

Processing:

Microfine can be processed on all wetlaid and nonwoven technologies as well as on advanced textile technologies.



Microfine cross section compared to other viscose fibres' cross sections.

Properties / Availability:

Tenacity (cN / tex)	23 – 25
Elongation at break (%)	16 - 19
Decitex	0.5
Fibre diameter (µm)	~ 4

Staple (mm)	30, 40 tow
Wet short cut (mm)	3, 4, 5, 6, 8, 10, 12
Lustre	bright

Other dtex / staple lengths are available on request.

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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