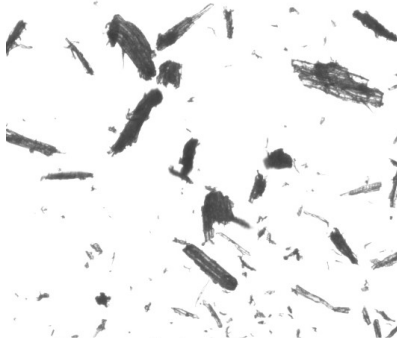


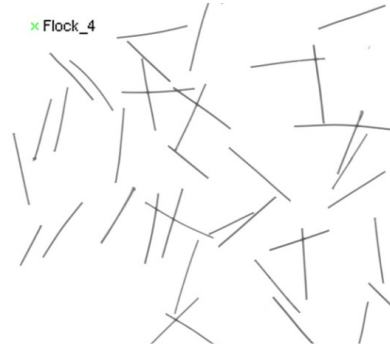


Fiber length and width characterization - two dimensions

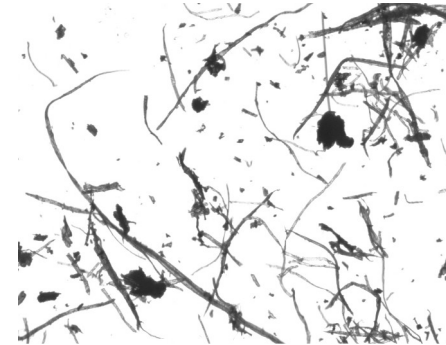
Wood Shred



Flock



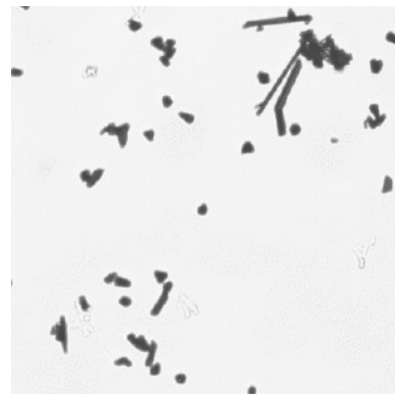
Mixtures



Grinding grits



Copper Rods



Recycled Rubber

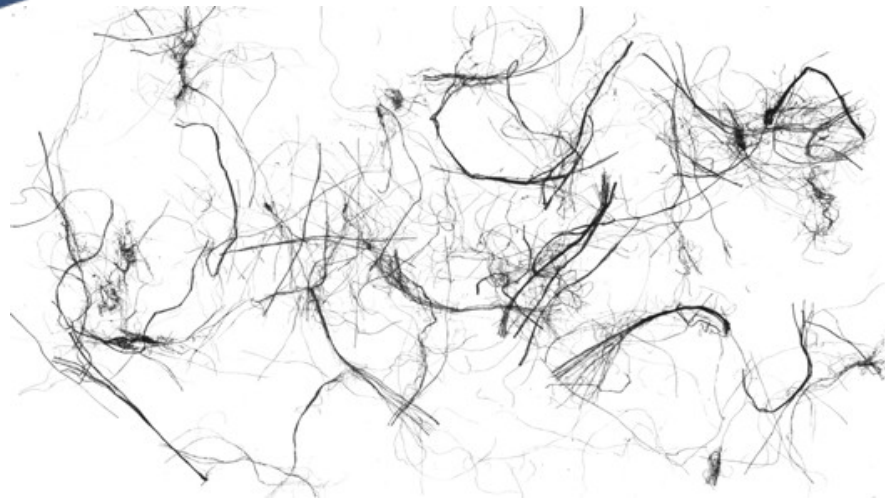


The one parameter concept is insufficient to describe such objects.

Quantitative image analysis can only describe it by using more parameters

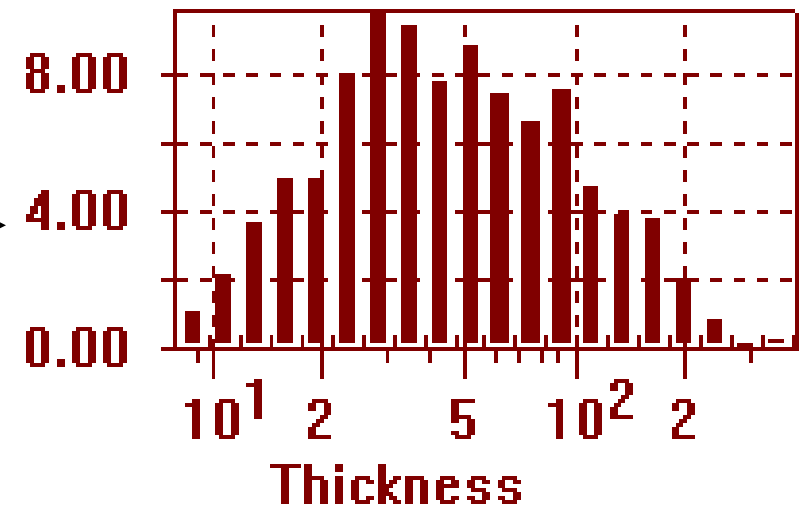


Wide range analysis of fiber fineness



Hemp fibers / fiber bundles

Length %



Fineness/width in μm

Advantage of Fibreshape compared to microscopy: characterisation of wide range fineness/width is possible due to the use of a special filter method