Fibers

The fibrous structures of wood and paper as well as man-made textiles are revealed in breathtaking detail using microCT imaging. The physical properties of these structures can be evaluated in great detail, and results of finite element analysis simulations can be compared directly with the results of physical experiments.

**Fibers (µCT 50)**

![Wood](image1)

![Wood detail (voxelsize 1µm)](image2)

![Piece of a match (colour code thickness map)](image3)

![Paper](image4)

![Wood with wormhole (voxelsize 750 nm)](image5)

**Fibers (µCT 100)**

![Rope](image6)

![Rope](image7)

**Fibers (µCT35)**

![image8](image8)

![image9](image9)

![image10](image10)

![image11](image11)
**Fibers (µCT 40)**

Paper

Woven fibers

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