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This article covers synthetic inorganic fibers comprising aluminum oxide (alumina, Al_2O_3) with only a small ($< 1\%$) fraction of silicon dioxide (silica, SiO_2), or with a significant fraction of silica and having either a glassy or polycrystalline structure. The world manufacture of such fibers exceeds 20 kt per year.

Inorganic Fibers - ScienceDirect
The cellulose builds up the backbone of the fiber, while the inorganic component is

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