

SUPPORTING INFORMATION

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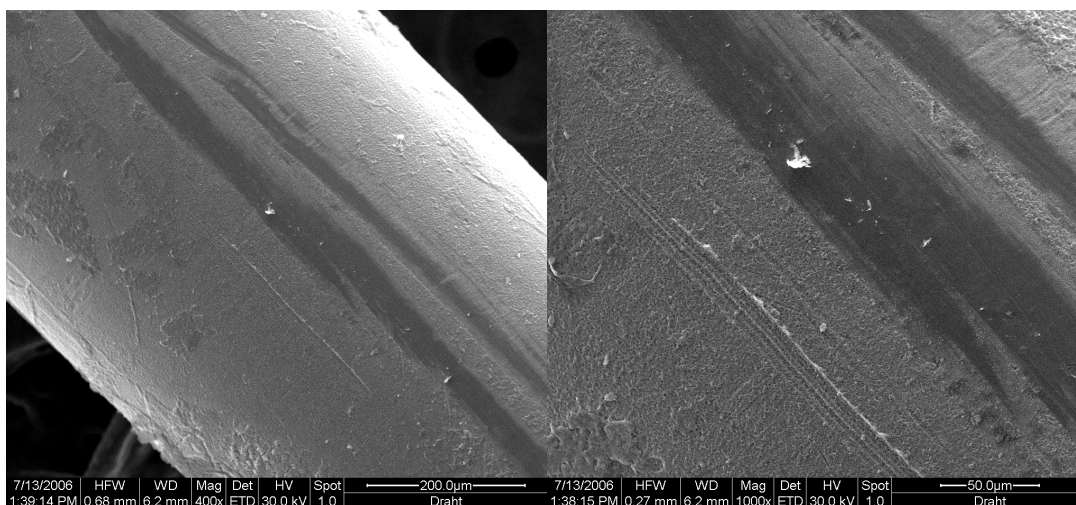
A Well-Defined Hydrocarbon-Soluble Calcium Hydroxide; Synthesis, Structure and Reactivity

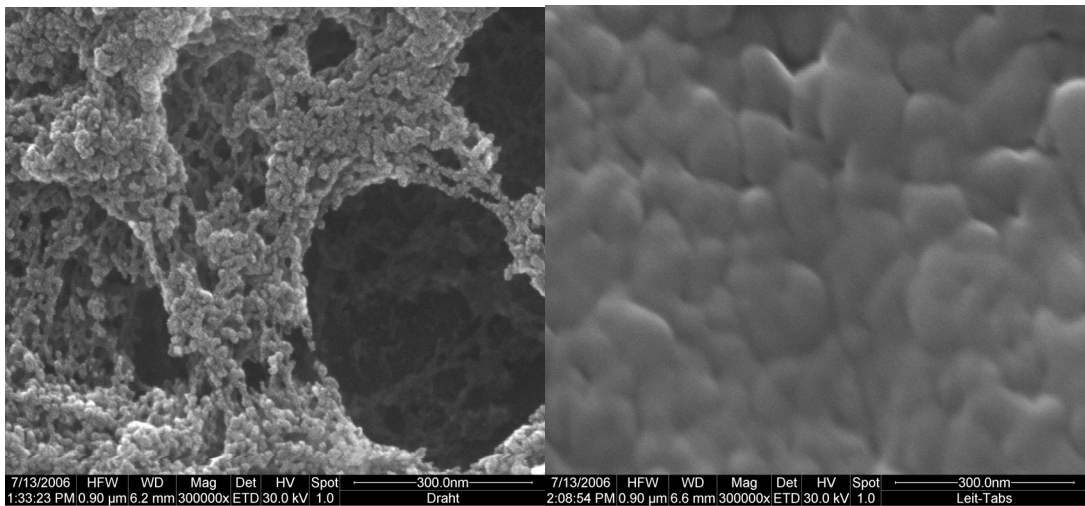
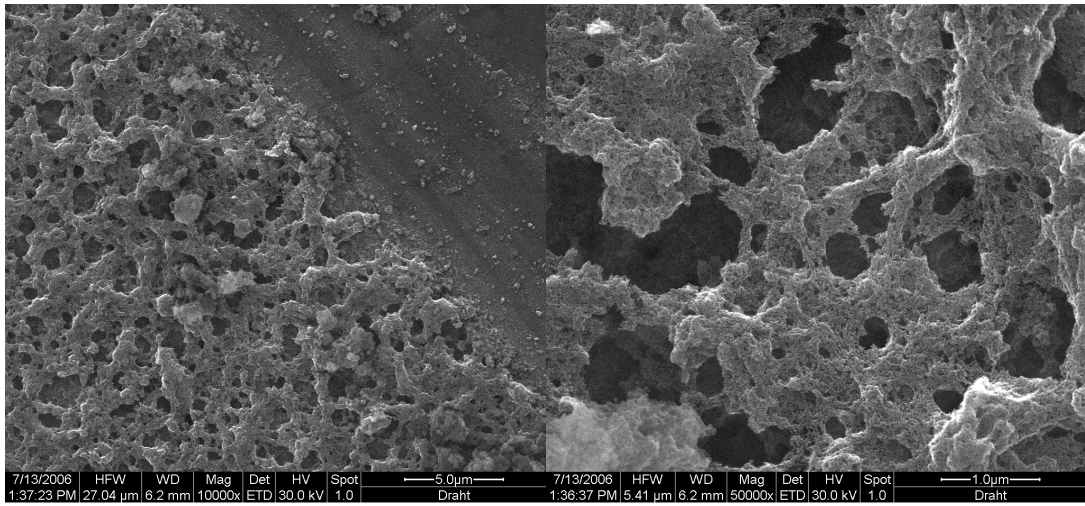
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Sol-gel coating and scanning electron microscopy. A colorless solution of **2** (0.18 M) was charged with carbon dioxide over a period of 10 minutes. Objects were cleaned by flushing with ethanol and air dried. Subsequently, they were dipped 2-3 times in the solution of **2** saturated with CO₂ and, after air-drying, washed with hexane to remove organic residue. The samples were attached to graphite foil by graphite glue and covered with gold by sputtering. The morphologies of the deposited CaCO₃ films were examined by scanning electron microscopy (SEM; ESEM Quanta 400) and the chemical composition was investigated by XRD measurements.

Pictures of sol-gel coated iron wire:





EDX-spectrum

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Label A:

