Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Supporting Information

The bakery of high-end sorption carbons: Sugar-urea doughs as processable precursors for functional carbons

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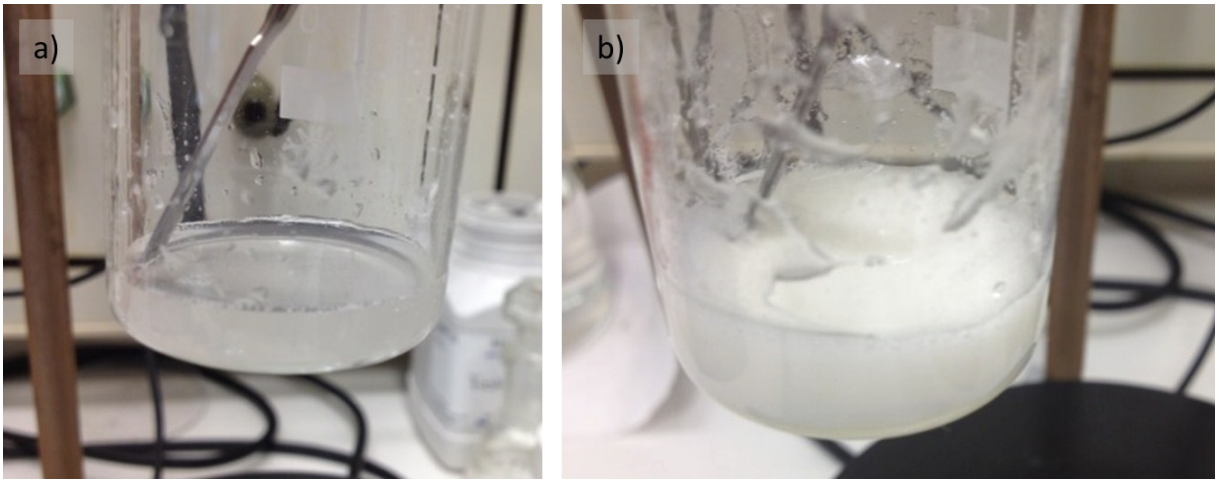

Figure SI-1: a) $ZnCl_2$*H_2O-urea solution and **b)** liquid monosaccharide-urea melt with $ZnCl_2$*H_2O-urea solution.

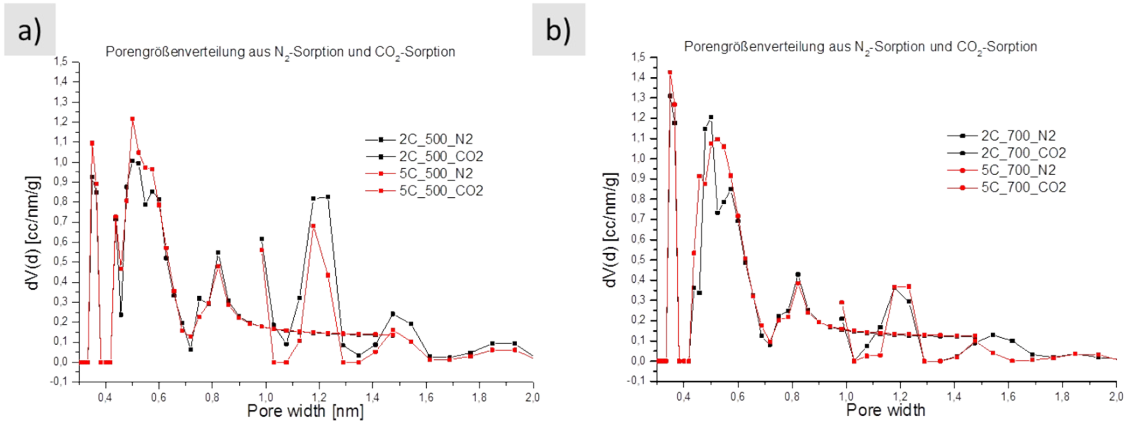

Figure SI-2: Pore Size Distribution from nitrogen and CO_2 gas sorption of carbons made from glucose-urea-salt with different amounts of cellulose (black 16% and red 39 %) carbonized at **a)** 500°C and **b)** 700 °C in nitrogen.

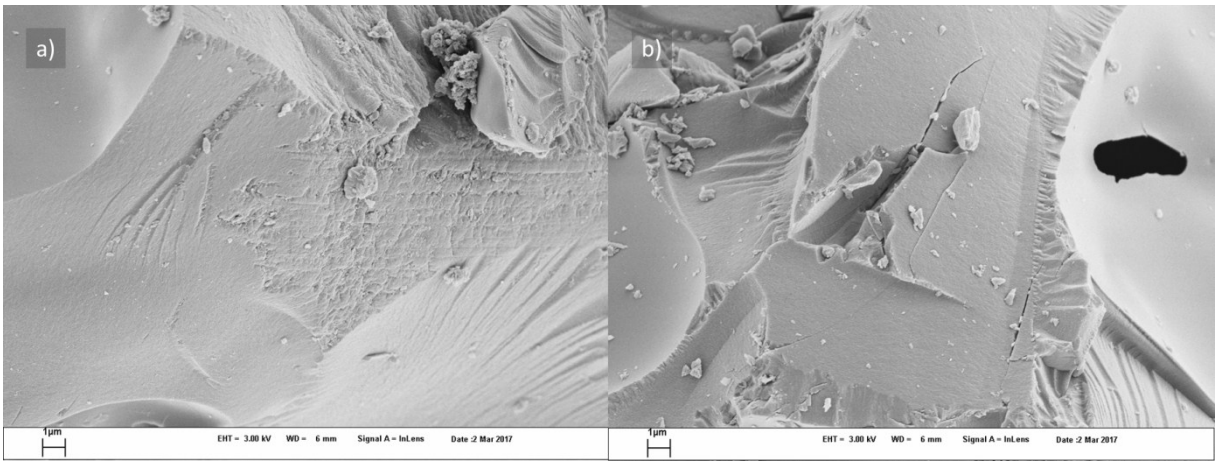

Figure SI-3: SEM of carbons made from glucose-urea-salt with 39 % of cellulose carbonized at a) 500°C and b) at 700 °C in nitrogen.

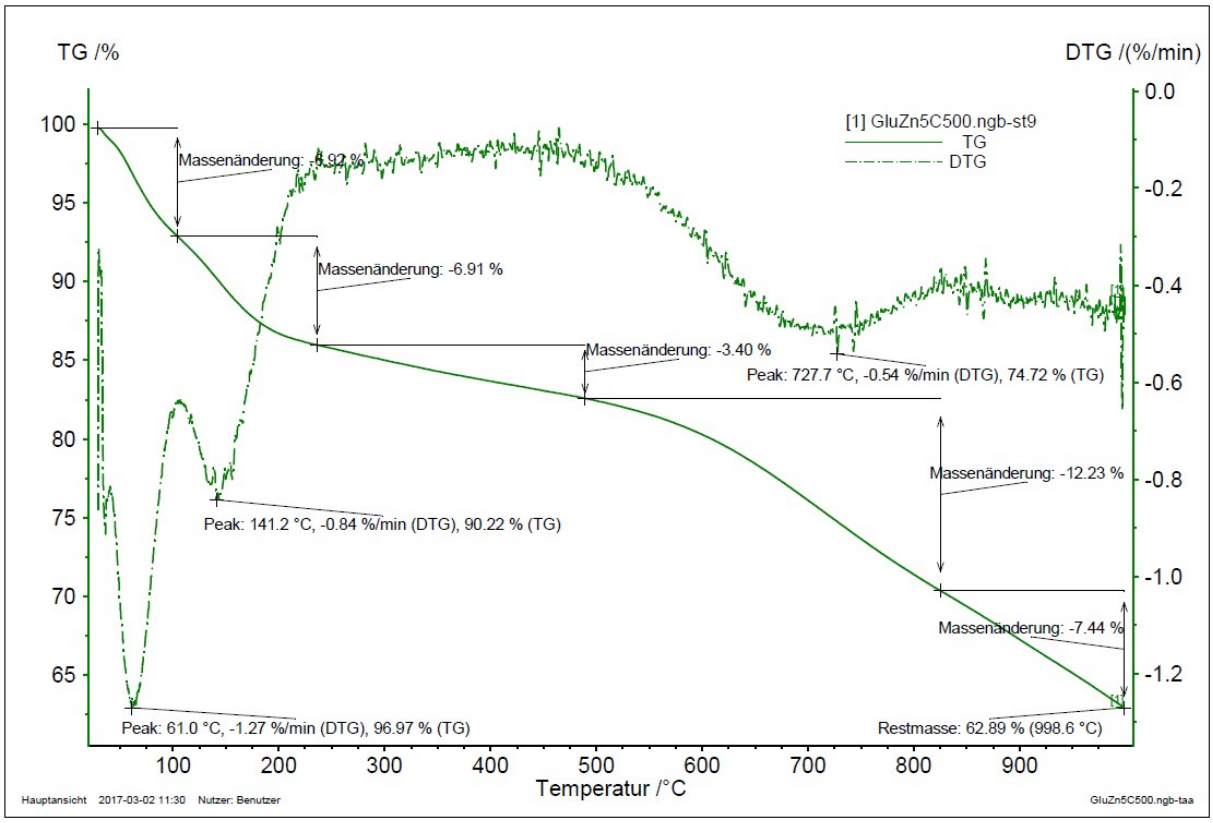

Figure SI-4: TGA of carbon made from glucose-urea-salt with 39 % of cellulose carbonized at 500°C in nitrogen.