

Supplementary information

Syntheses, crystal structures, and polymorphism of quaternary pyrrolidinium chlorides

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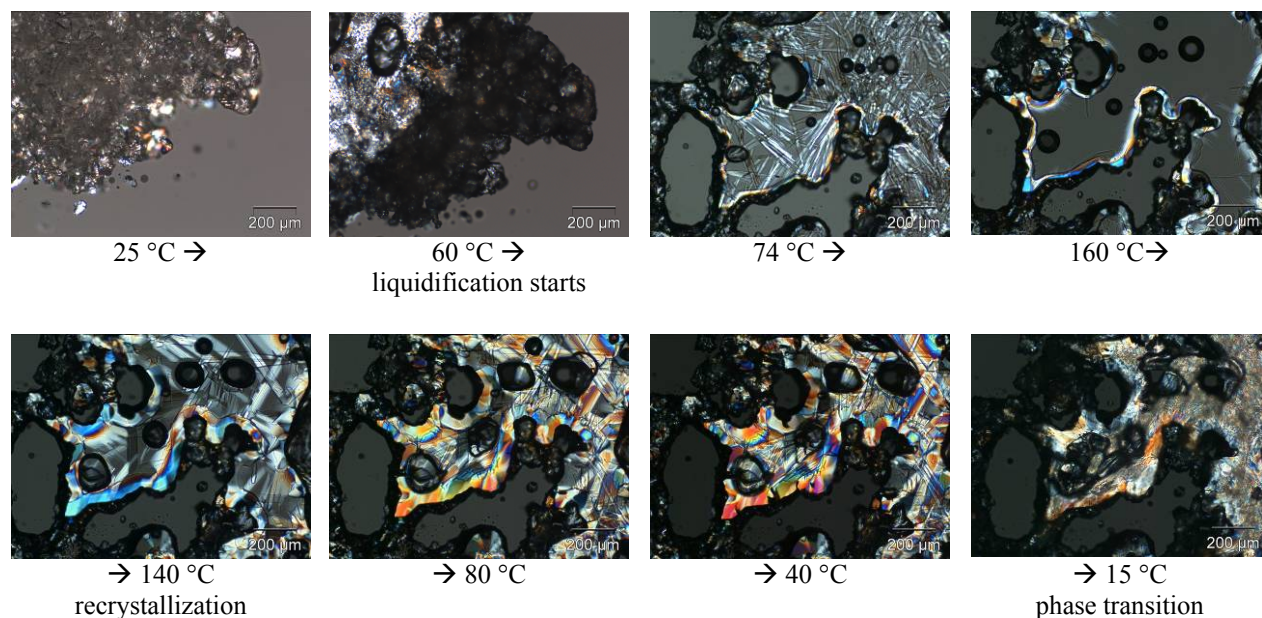


Fig. S1 Hot stage microscopy of **1**, showing a heating cycle (upper series, arrow on the right hand) and a cooling cycle (lower series, arrow on the left hand). The starting material consists of a mixture of form A and B which liquidifies and recrystallizes to pure form B which undergoes a phase transition to form A at about 15 °C.

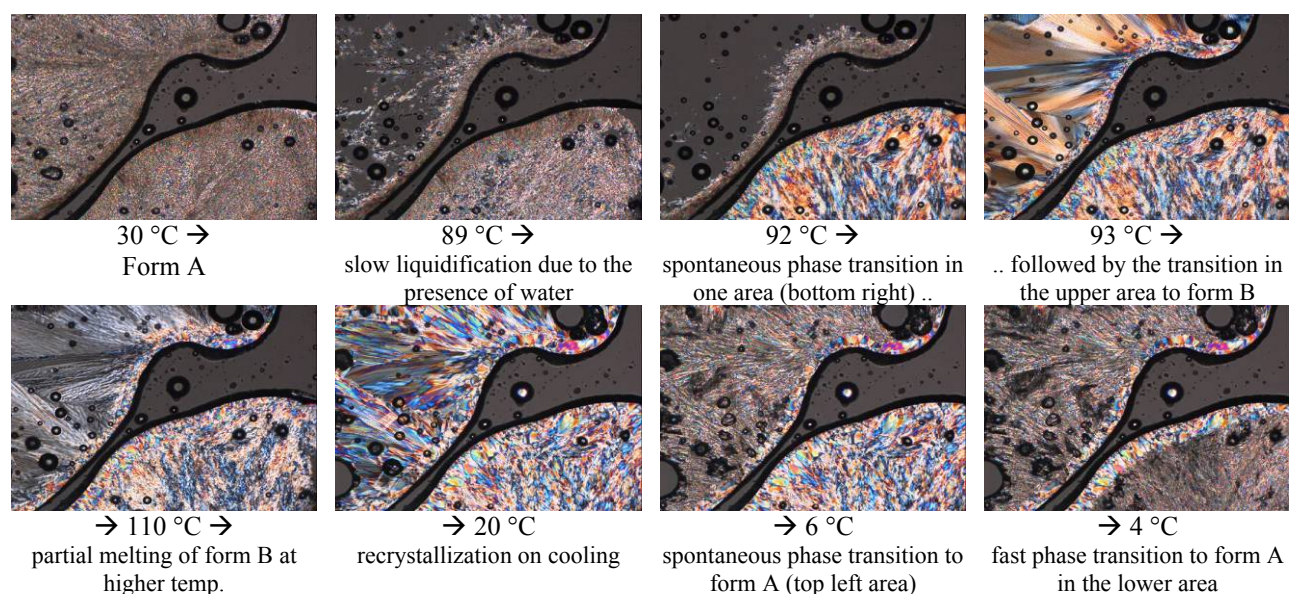


Fig. S2 Hot stage microscopy of **2**, showing a heating cycle (upper series) and a cooling cycle (lower series). The sample was annealed at 120 °C for 20 minutes to remove some of the water and cooled to -10 °C before these pictures were taken. The cycle was started with form A and shows the endothermic transformation to form B at about 92 °C and the exothermic retransformation to form A at about 5 °C.