Threshold Temperature Sensors with Tunable Properties

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Figure S1. (a) Emission spectra of an initially quenched 1% w/w PETG/C18-RG blend as a function of annealing time at 100 °C. (b) Color change extracted from the emission spectra shown in (a) ($I_{537}/I_{650}$, ○) or absorption spectra shown in Figure 3a ($A_{445}/A_{370}$, ●) as a function of time. Lines represent least squares fits according to Equation 1 or 2 (see manuscript).
Figure S2. Color change (expressed as $A_{463}/A_{540}$) as a function of time for a 1% w/w PETG/C2-RY8 blend annealed at 100 °C. Line represents least squares fit according to Equation 1 (see manuscript). Red points represent apparent induction period and were not used in least squares fit.
Figure S3. Fluorescence and cross-polarized optical micrographs of PA23 (left) and PA104 (right) annealed at the temperatures indicated for at least 15 hours. The scale bars are 25 µm long.