

**Supporting information**

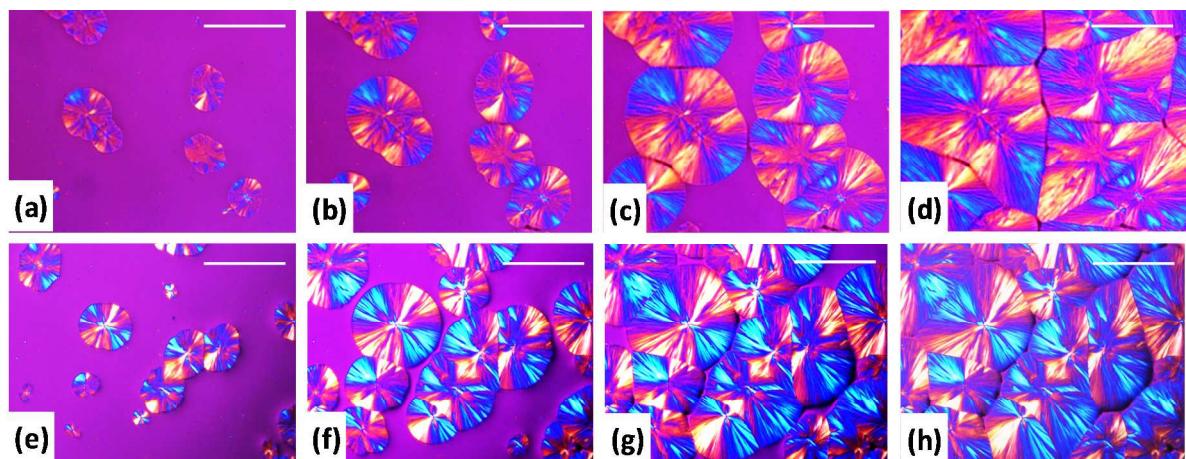
**Crystallization and segregation behavior at the submicrometer scale of PCL/PEG**

**blends**

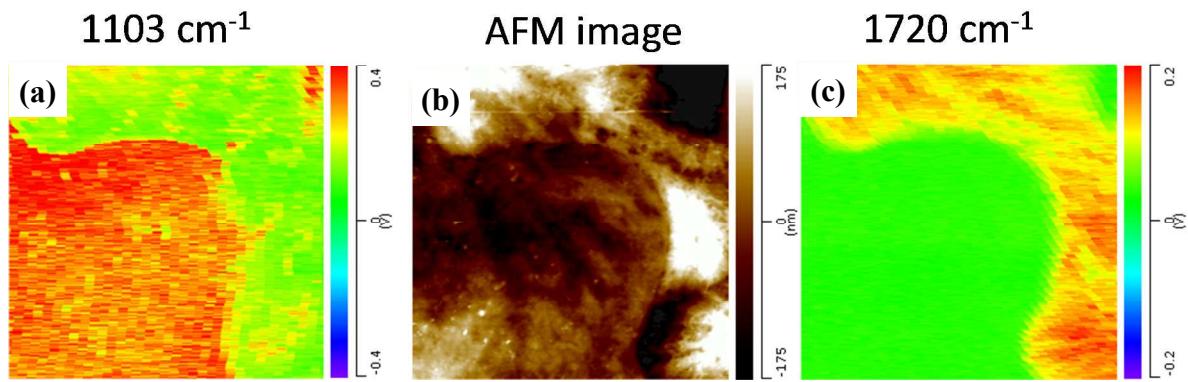
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**Figure S1:** POM images of neat PCL at 40 °C: a) 1 min, b) 2 min, c) 3 min, d) 4 min and at 30 °C: e) 1 min, f) 2 min, g) 3 min, h) 4 min. Scan bars are 200  $\mu$ m.



**Figure S2:** PCL/PEG (50/50) blend, isothermally crystallized at  $30\text{ }^{\circ}\text{C}$ : a) chemical mapping image of the  $1103\text{ cm}^{-1}$  band, b) AFM height image, c) chemical mapping image of the  $1720\text{ cm}^{-1}$  band. Size of images:  $30\times 30\text{ }\mu\text{m}$ .