

Supplementary Materials

Side Chain Effect of Hydroxypropyl Cellulose Derivatives on Reflection Properties

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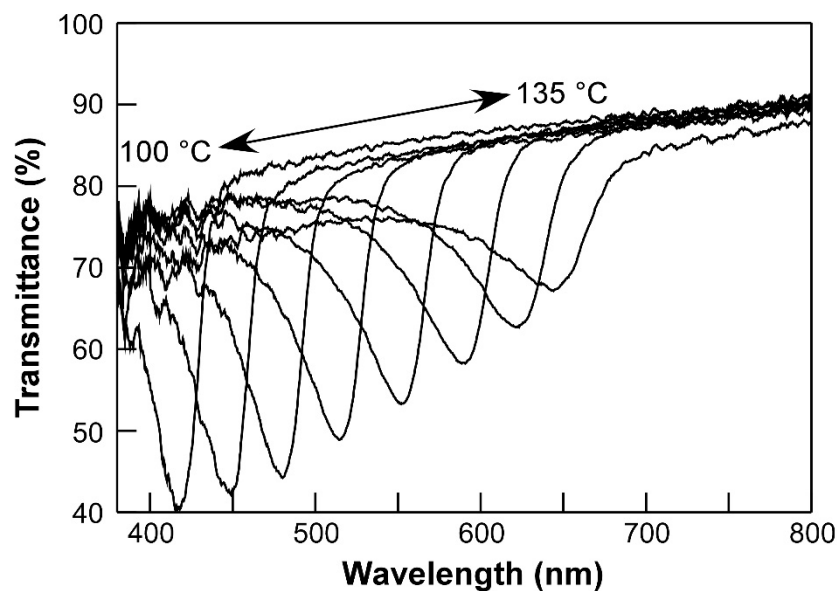


Figure S1. Changes in transmission spectrum of an HPC derivative with solely propionyl esters in the side chains (HPC-PrE; $PrE = 2.98$) as a function of temperature.

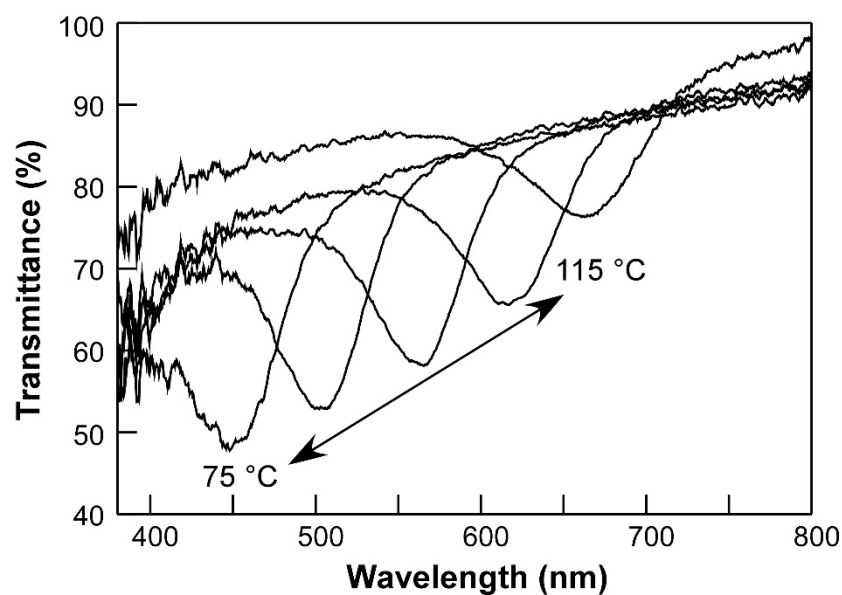


Figure S2. Changes in transmission spectrum of an HPC derivative with both propionyl esters and *m*-(trifluoromethyl)phenyl carbamates in the side chains (HPC-PrE/*m*-TFMPC; $PrE:m\text{-TFMPC} = 2.62:0.31$) as a function of temperature.

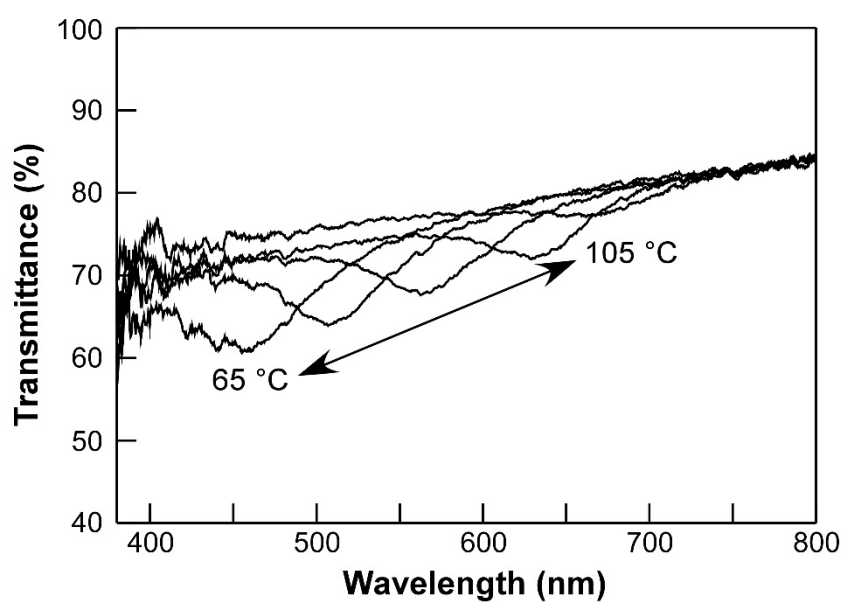


Figure S3. Changes in transmission spectrum of an HPC derivative with both propionyl esters and 3,5-*bis*(trifluoromethyl)phenyl carbamates in the side chains (HPC-PrE/*b*-TFMPC; *PrE:b-TFMPC* = 2.71:0.29) as a function of temperature.