

Description of Additional Supplementary Files

File: Supplementary data 1

Description: XRD data.

File: Supplementary Data 2

Description: FTIR and Raman spectroscopy data.

File: Supplementary Data 3

Description: TG-DSC data.

File: Supplementary Data 4

Description: Titration tests data.

File: Supplementary Data 5

Description: Synchrotron HRXRD data.