Electronic Supporting Information (ESI)

Microwave-assisted catalytic synthesis of bio-based copolymers from waste cooking oil

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Differential Scanning Calorimetry (DSC):

Figures S1 shows the DSC thermo grams of 2\textsuperscript{nd} heating run of the selected polymers obtained by MW assisted copolymerization. It is evident from thermograms that these biopolymers generally show transitions close to -20°C which could be the glass transitions of these biopolymers. The polymer synthesized using DMAP as co-catalyst entry 3 table 2 clearly displayed two additional peaks, one endothermic peak which could be melting and another exothermic which could be due to crystallization.