



Supporting Information

Fructose-based acrylic copolymers by emulsion

polymerization

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Supplementary Materials: The following are available online at www.mdpi.com/link, Figure S1: ¹H-NMR spectrum of the MF homopolymer in D₂O. WATERGATE method, Figure S2: Molecular weight distribution of the MF homopolymer, Figure S3: DSC of the MF homopolymer, Figure S4: Particle size distribution of different copolymers: (a) MF40-BA/30, with 1% KPS; (b) MF40-BA/30, with 0.5% KPS; (c) MF40-BA/45, Figure S5: DSCs of MF/BA copolymers of different composition: (a) MF20-BA; (b) MF30-BA; (c) MF40-BA



Figure S1. ¹H-NMR spectrum of the MF homopolymer in D₂O. WATERGATE method.



Figure S2: Molecular weight distribution of the MF homopolymer. Agilent technologies GPC system, equipped with 3 Shodex columns, refractive index and UV detectors. THF was used as solvent. The analysis was carried out at 1.0 mL/min flow rate. Relative molecular weight was determined by means of a conventional calibration obtained with polystyrene narrow standards.



Figure S3: DSC of the MF homopolymer



Figure S4: Particle size distribution of different copolymers: (a) MF40-BA/30, with 1% KPS; (b) MF40-BA/30, with 0.5% KPS; (c) MF40-BA/45





Figure S5: DSCs of the different copolymers: (a) MF20-BA; (b) MF30-BA; (c) MF40-BA

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