SUPPORTING INFORMATION

How is Rheology Involved in 3D Printing of Phase-Separated PVC-Acrylate Copolymers Obtained by Free Radical Polymerization

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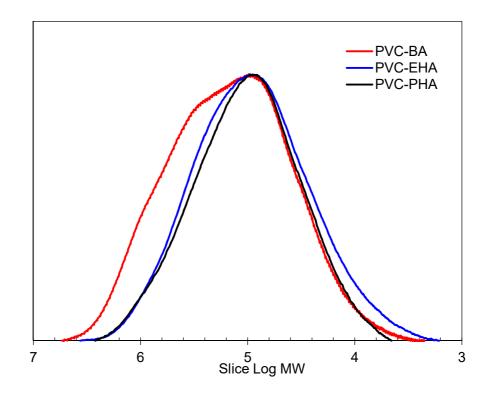


Figure S1. Normalized SEC chromatograms for the synthesized copolymers.

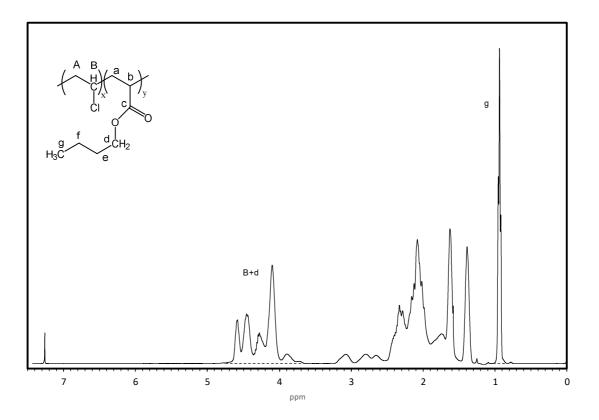


Figure S2. ¹H-NMR spectra for synthesized PVC-acrylate copolymers (PVC-BA), as well as the corresponding line assignment. The copolymer composition was calculated from the integral areas of characteristics bands of BA and VC comonomers, d: 4.09 ppm (s, 2H, OCH₂) and 0.95 ppm (t, 3H, CH₃) for BA and 4.47 ppm (t, 1H, CH) for VC (referred to solvent).

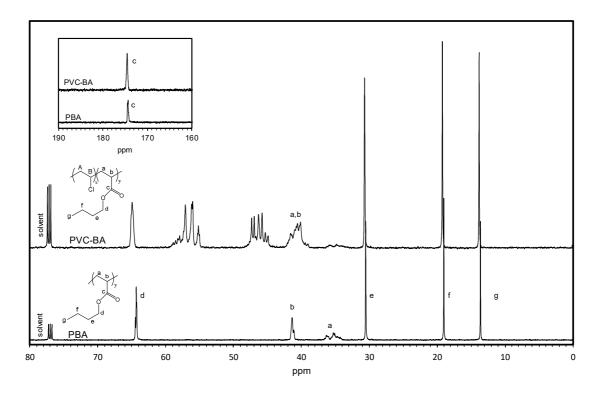


Figure S3. Comparison between ¹³C-NMR spectra for synthesized PVC-BA copolymers and PBA homopolymer. The shifting of the lines from 35 ppm to 40 ppm indicates the presence of alternative AVA and/or VAV sequences as predominant structures instead of AAA homopolymer sequences. However, although the intensity is very low, the presence of such homopolymer sequences can not be discarded.