

Supporting information

Hydrolytical stability of end-linked hydrogels from PLGA-PEG- PLGA macromonomers terminated by α,ω -itaconyl groups

Lenka Michlovská^{*a}, Lucy Vojtová^{*a}, Otakar Humpal^b, Jiří Kučerík^c, Jan Žídek^a, Josef Jančář^a

^a CEITEC – Central European Institute of Technology, Brno University of Technology, Technická 3058/10, 616 00 Brno, Czech Republic.

^b CEITEC – Central European Institute of Technology, Masaryk University, Kamenice 753/5, 625 00 Brno, Czech Republic.

^c University of Koblenz-Landau, Institute of Environmental Sciences, Soil and Environmental Chemistry, Forstr. 7, 76829 Landau, Germany.

E-mail: lenka.michlovska@ceitec.vutbr.cz; lucy.vojtova@ceitec.vutbr.cz

Results

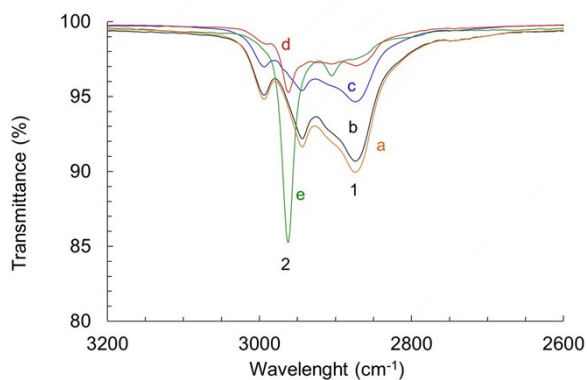


Fig. S1 Magnification of ATR-FTIR spectrum of original and α,ω -itaconyl-PLGA-PEG-PLGA copolymers in region 2600-3200 cm⁻¹, where a) 37ITA_x0, b) 63ITA_x0, c) 37ITA_x5, d) 37ITA_x40 and e) 63ITA_x40. Peak 1 corresponded to -OH in carboxylic group and peak 2 to single C-C bond neat the -COOH group.

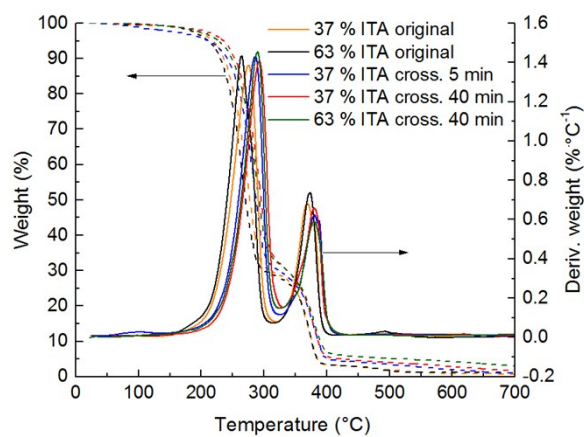


Fig. S2 Thermograph of original and crosslinked copolymers.