

Supplementary material

Evaluation of porous (poly(lactide-*co*-glycolide)-*co*-(ϵ -caprolactone)) polyurethane for use in orthopedic scaffolds

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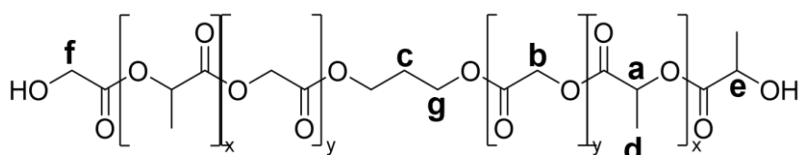


Figure S1. Idealized PLGA structure.

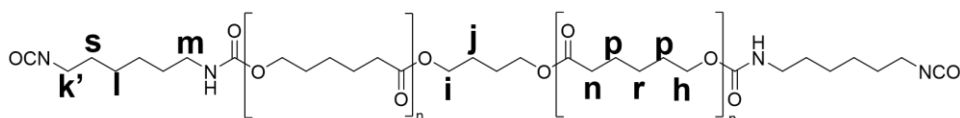


Figure S2. Idealized prepolymer PCL di-NCO structure.

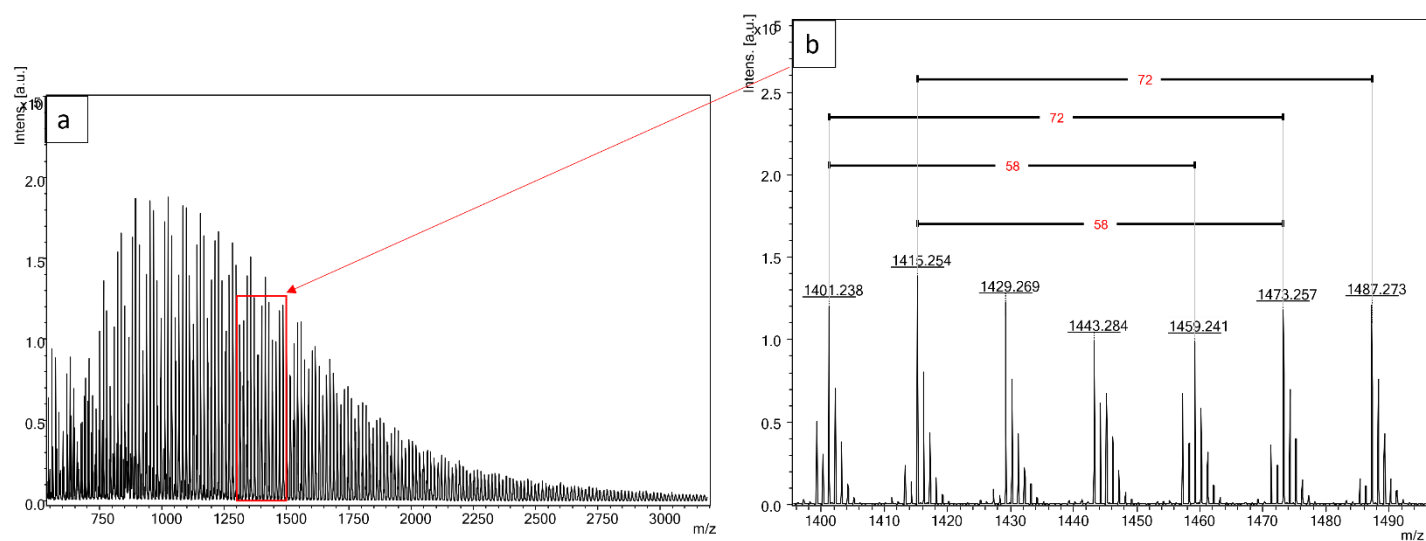


Figure S3. MALDI-TOF of PLGA 50:50 with a) the scale from 600 to 300 m/z and b) a zoom in from 1400 to 1500 m/z.

Table S1. dn/dc values obtained for the polymers

	PLGA 50	Prepolymer	PEU
dn/dc (ml/g)	0.044 ± 0.003	0.079 ± 0.003	0.069 ± 0.004
R^2	0.9894	0.9957	0.9957

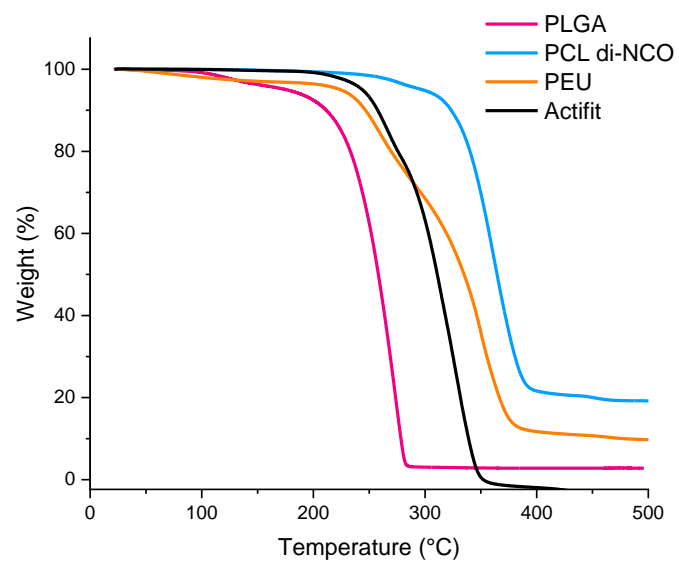


Figure S4. Thermogravimetric analysis of the polymers.

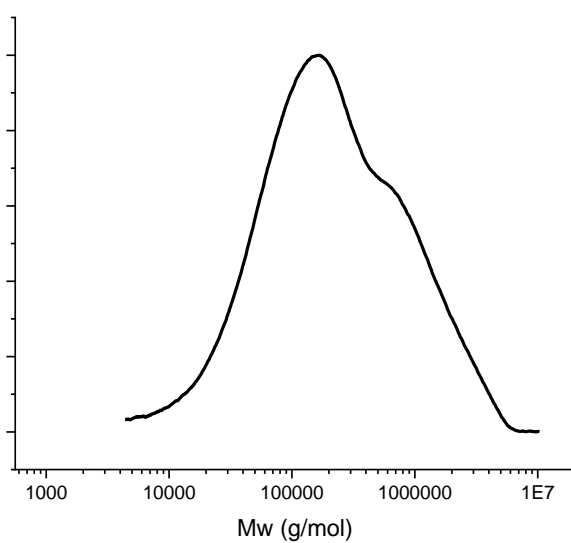


Figure S5. Chromatogram of Actifit[®] (SEC MALS-THF).

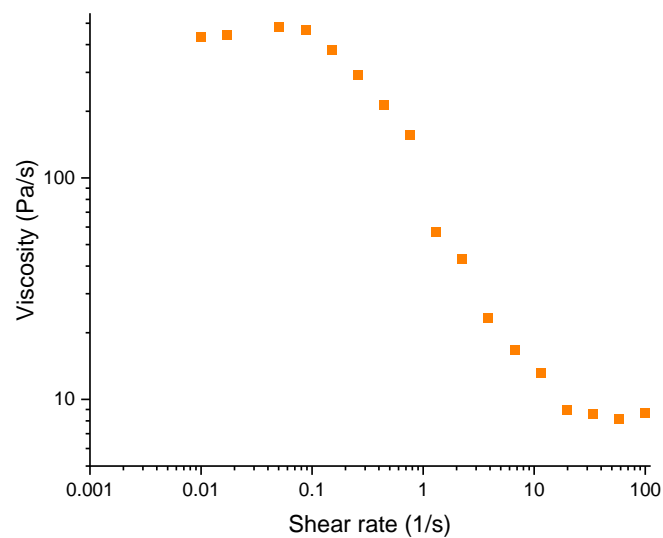


Figure S6. Viscosity curve of the PEU in solution in dioxane.

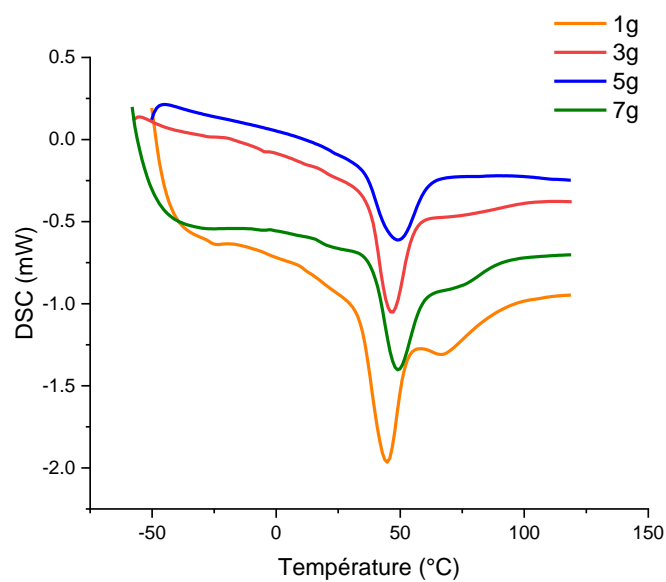


Figure S7. Differential scanning calorimetry thermograms of the foams prepared with different amount of porogen agent (g salt/g polymer).

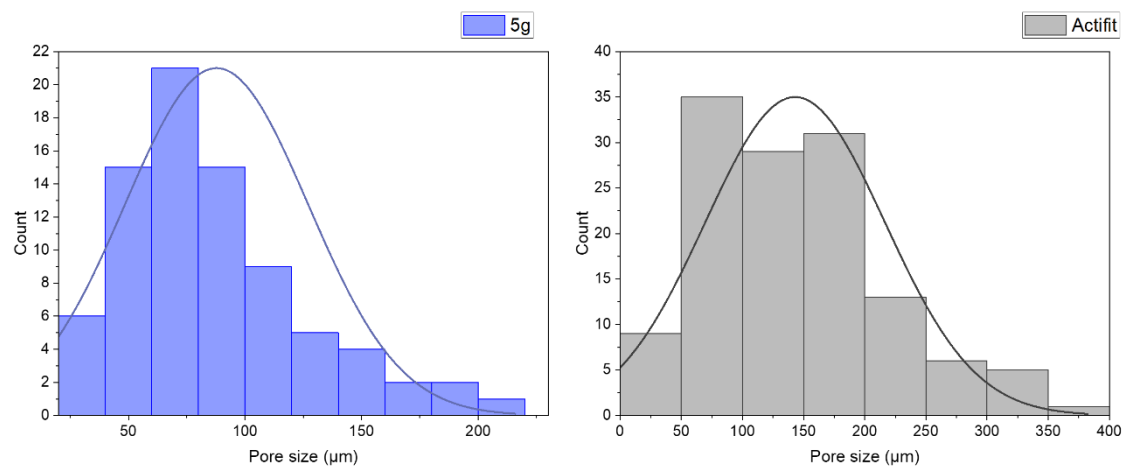


Figure S8. Pore size repartition of foam with 5g of salt/g PEU and Actifit®.