Laser sintering of polymer particle pairs studied by in-situ visualization

Supplementary information

Prakhyat Hejmady,^a,b Lambert C. A. van Breemen,^a Patrick D. Anderson,^a and Ruth Cardinaels^a*

^aPolymer Technology, Department of Mechanical Engineering, Eindhoven University of Technology, P.B. 513, 5600 MB Eindhoven, The Netherlands
^bBrightlands Materials Center, 6167 RD, Geleen, The Netherlands
^aR.M.Cardinaels@tue.nl

Fig. S1: Effect of laser energy on sintering kinetics with heating chamber temperature of $T_c = 53 \, ^\circ C$, pulse duration of $t_L = 800 \, ms$ and particle radius of $a_0 = 60 \, \mu m$, side view data. Repeat experiments shown at 19, 25 and 27 $\mu J$. 

Electronic Supplementary Material (ESI) for Soft Matter. This journal is © The Royal Society of Chemistry 2018