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

Supplementary information

Prakhyat Hejmady,^{a,b} Lambèrt 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 *R.M.Cardinaels@tue.nl

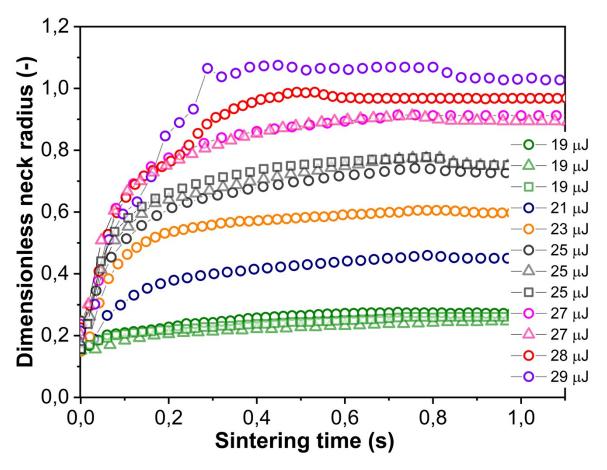


Fig. S1: Effect of laser energy on sintering kinetics with heating chamber temperature of $T_c = 53$ °C, pulse duration of $t_L = 800$ ms and particle radius of $a_0 = 60 \ \mu$ m, side view data. Repeat experiments shown at 19, 25 and 27 μ J.