



Supplemental Figure S1. Measured NMR spectrum of 0.9:1 PGS prepolymer. ^1H NMR (0.9:1 PGS) (400 MHz, CDCl_3) δ /ppm: 1.31 (m, - CH_2), 1.61 (d, - $\text{CH}_2\text{CH}_2\text{O}(\text{CO})-$), 2.34 (m, - $\text{CH}_2\text{O}(\text{CO})$), 3.61-3.82 (m, OHCH_2CHO), 3.93 (m, - OCH_2CHOH , 4.05-3.35 (m, - OCH_2CHO , 5.11 (s, OHCH_2CHO), 5.27 (s, - OCH_2CHO)