

Table S1. Kinetic constants, A, B, K₁, and K₂, for depolymerization at different reaction temperatures

Reaction temperature (°C)	A	B	K ₁ (min ⁻¹)	K ₂ (min ⁻¹)
30	0.59	0.41	0.22	0.027
50	0.99	0.01	0.44	0.0027
70	0.99	0.01	0.53	0.0042

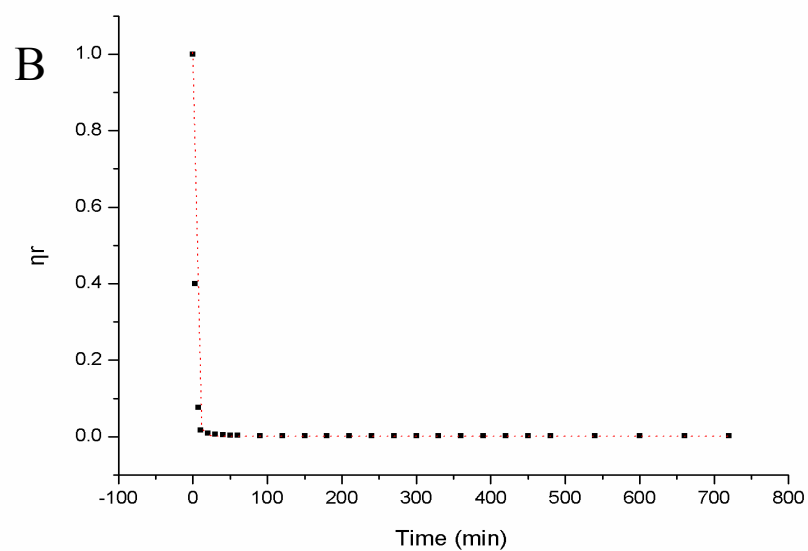
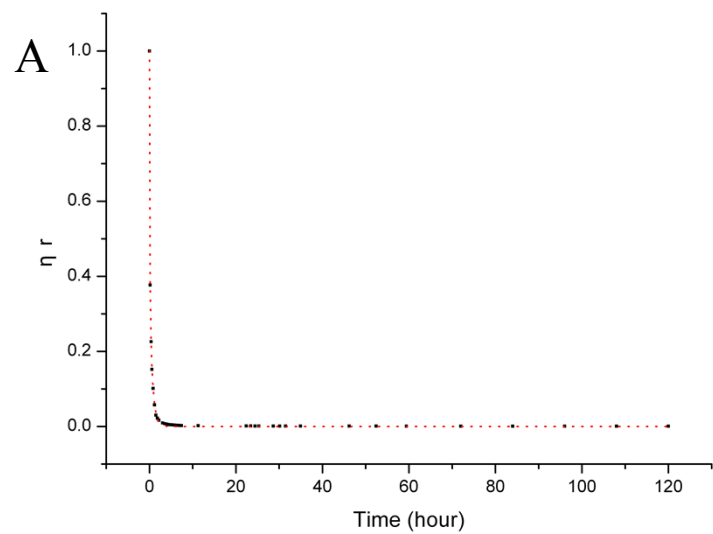


Fig. S1. Normalized apparent viscosity ($\eta_r = \eta_t / \eta_0$) as a function of reaction time at 30°C (A) and 50°C (B).

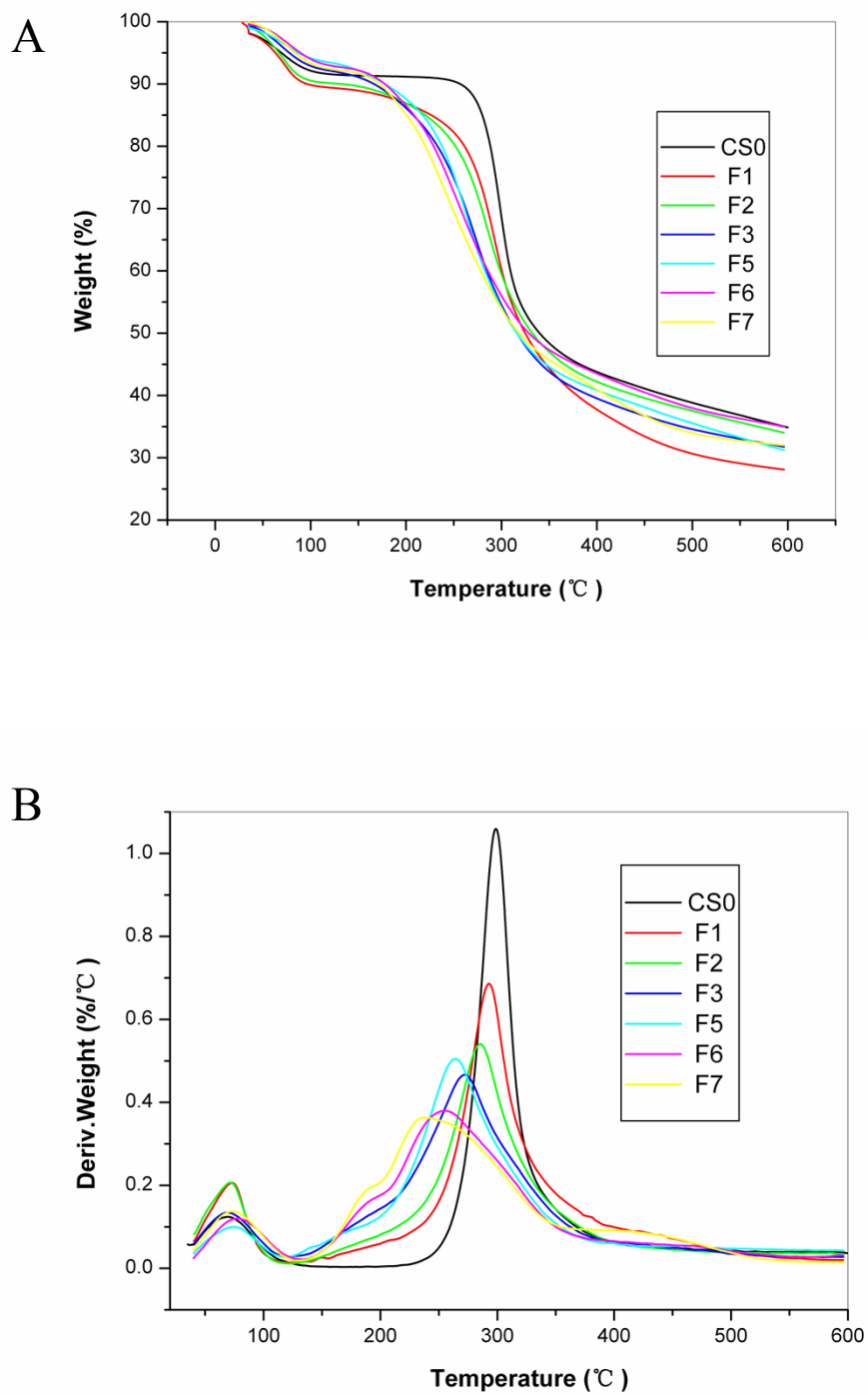


Fig. S2. TG (A) and DTG (B) curves for CS0 and prepared products.