

Supplementary Information

Oligo(trimethylene carbonate) based supramolecular biomaterials

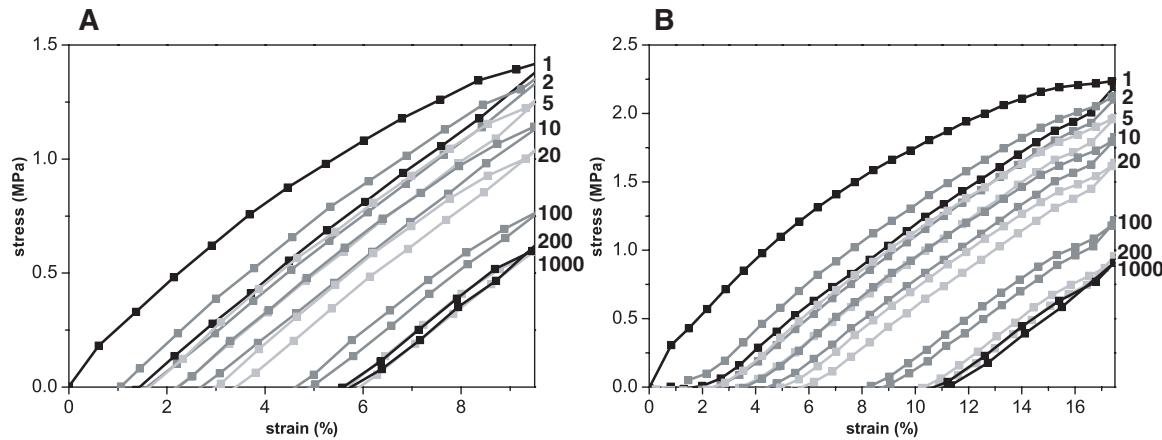


Figure 1S. Cyclic tensile testing on the bifunctional **3b** polymer, applying strains up to 10% (**A**) and up to 20% (**B**). The cycle numbers are indicated.

Table 1S. Thermal properties of the hydroxy-terminated TMC-prepolymers.

1 st heating run	T _g (°C)	ΔC _p (J/g·°C)	2 nd heating run	T _g (°C)	ΔC _p (J/g·°C)	
1_a	-33	0.41		1_a	-33	0.42
1_b	-24	0.40		1_b	-24	0.45
2_a	-36	0.46		2_a	-36	0.51
2_b	-28	0.42		2_b	-28	0.46
2_c*	-21	0.35		2_c	-21	0.49
HMW-PTMC	-14	0.42		HMW-PTMC	-14	0.51

The first and second heating runs (20 °C/min) are depicted. The glass transition temperature (T_g) and the heat capacity (ΔC_p) are shown.

* T_m = 36 °C, ΔH_m = 0.7 J/g