

### Supplementary information

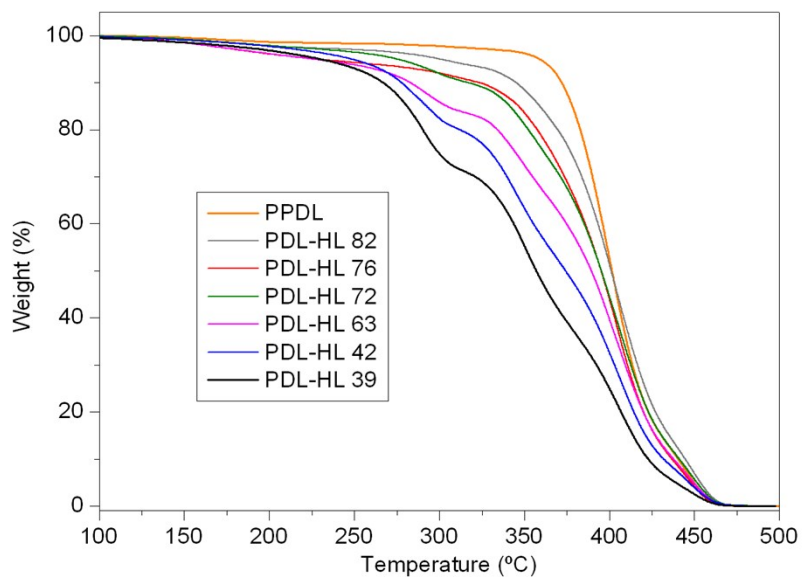


Figure 1. Thermogravimetric (TG) curves of PPDL and the  $\omega$ -PDL-co- $\delta$ -HL copolymers.

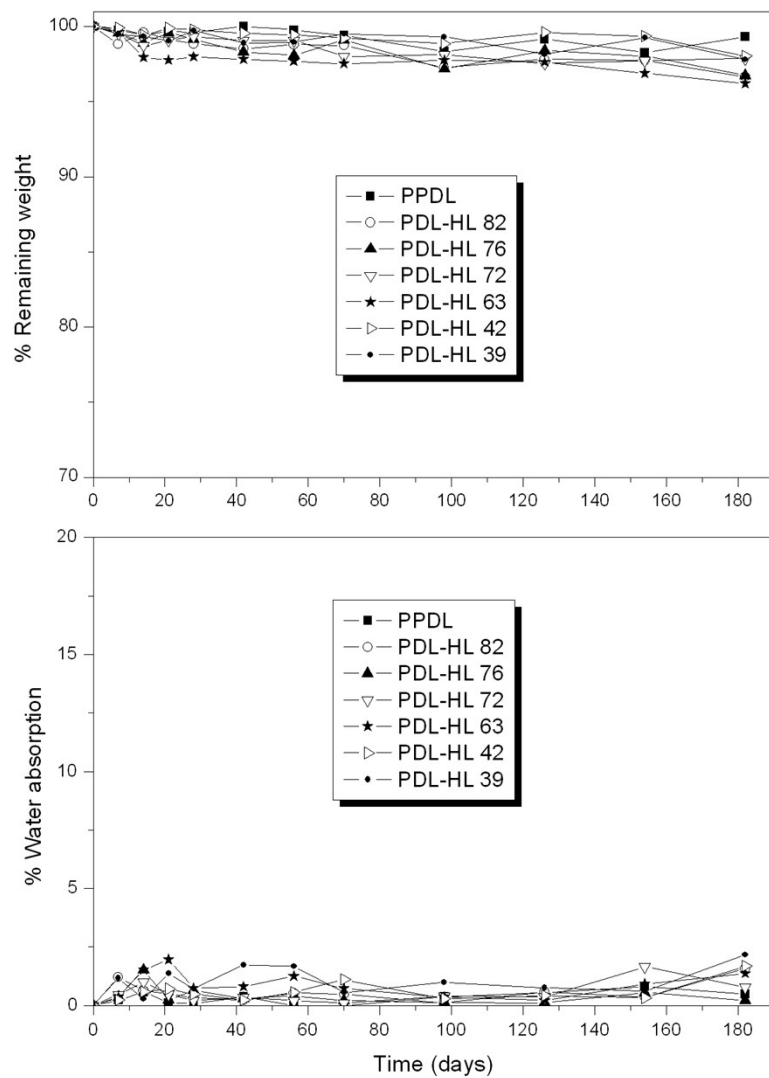


Figure 2. Evolution of the remaining weight and the water absorption of the poly( $\omega$ -pentadecalactone-co- $\delta$ -hexalactone)