## **Accepted Manuscript**

Thermo-responsive alternating conetworks by the Diels-Alder reaction of furanterminated 4-armed star-shaped  $\epsilon$ -caprolactone oligomers and maleimide-terminated 4-armed star-shaped L-lactide oligomers

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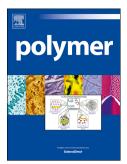
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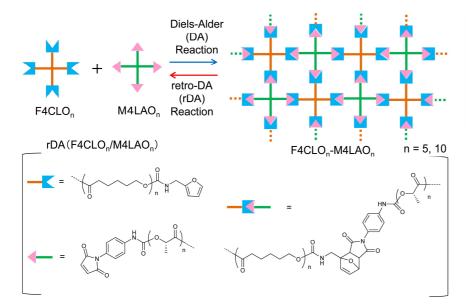
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## ACCEPTED MANUSCRIPT



insure a nutrogen now of 100 mL min  $^{-1}$ . Scanning else incorgaphs (ESM) were, recorded with a Nowa NanosEb he Raman Spectrus were assured by using a Labra Laman Spectrometer (He t an excitation wavelen radiation. The collection cattered light was dead with a thermoelectric  $-70^{\circ}$  (°C) charge coupled device detector (CCD). A cassarrements were carried out directly over the stowder X-ray diffraction. Dipatterns were recorded a Kg ardiation ( $\lambda$  =  $\frac{1}{2}$  s) at a scanning rate of Z \* ensile test experiment were conducted on a RGM-4100 hartment Co., Ld., ( $\frac{1}{2}$  s) are not temperature with a not temperature with a

F4CLO<sub>10</sub>-M4LAO<sub>10</sub>
70 °C, 24 h

polyurethane was synthesized by I rethane prepoly ner end-capped wit MI). The polymerization kinetics of study of the DA reaction between by attenuated at 1 reflection infrat spectroscopies, where in situ Hallytical method of choice to study The results showed that the react nost beneficial experimental condition

Self Repaired F4CLO<sub>10</sub>-M4LAO<sub>10</sub>

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