

Shape memory polyurethane - amorphous molecular mechanism during fixation and recovery

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Supplementary material

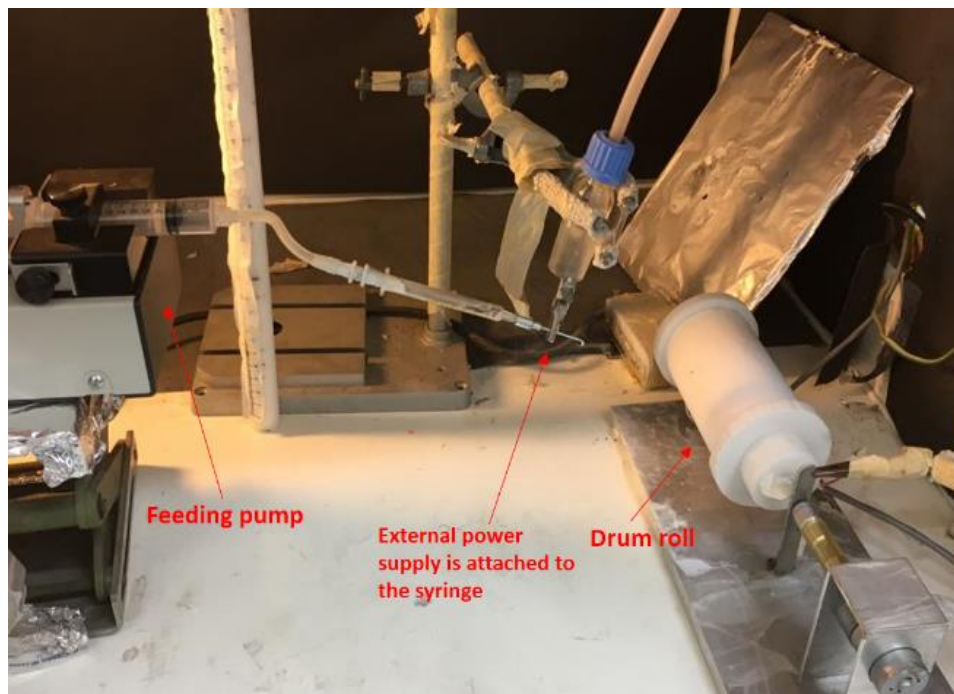


Figure S1: An image of the electrospinning assembly.

Figure S1 displays the electrospinning system. The polymer solution is placed inside a glass syringe. The feeding pump injects the polymer solution through the needle at a constant predetermined rate. The high voltage is applied by connecting an external power source to the metallic needle. At the other end, the drum-roll is placed at a specific distance from the needle and its speed is controlled by an additional power supply. To allow a stable electric field between the needle and the drum-roll, the drum roll is also grounded. To spin a polymer, the drum roll is covered by aluminum foil to ease the extraction of the electrospun nanofibers (not in picture).“