

Bilayer PAM-PVA Cartilage-Inspired Hydrogels with Layer-Selective CNT and Nanodiamond Interfacial Reinforcement for Structure-Property Control

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Supplementary Material

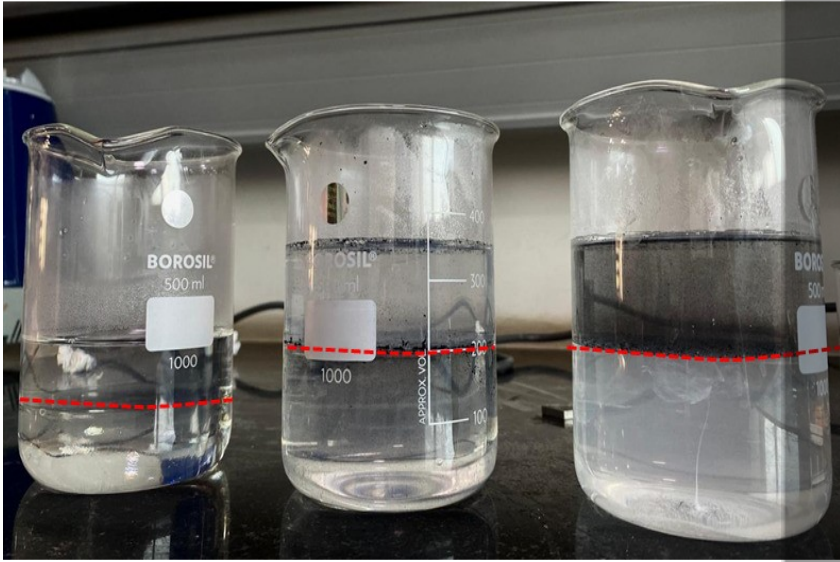


Figure S1 (A). PAM/PVA hydrogel composite, (B) PAM-CNT/PVA-ND hydrogel composite, (C) PAM-ND/PVA-CNT hydrogel composite, (d) dried hydrogel composite

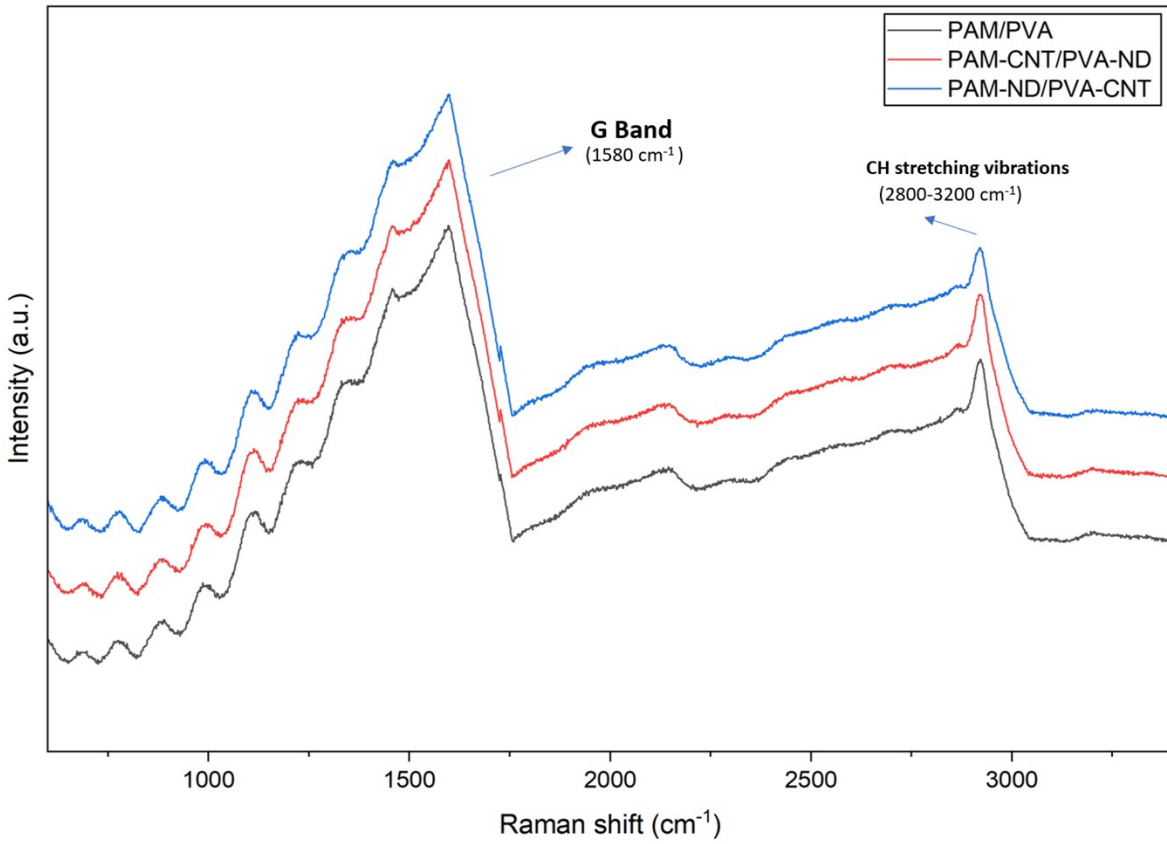


Figure S2. Raman spectra of double-layer hydrogel samples

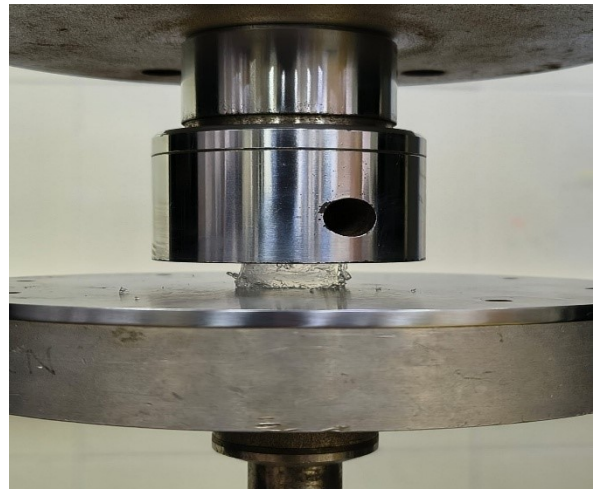
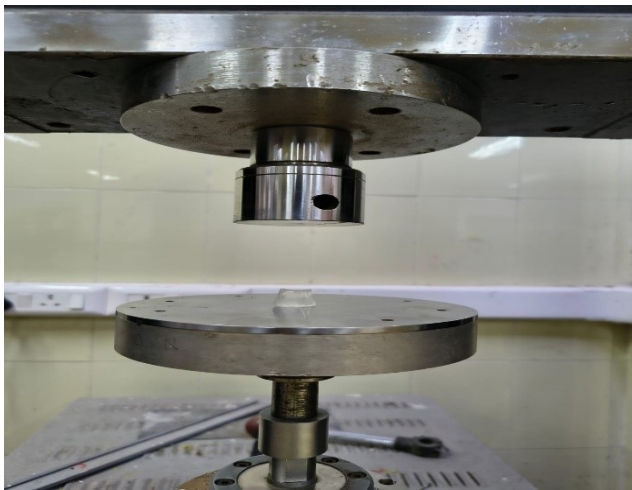


Figure S3. A compression test was

done on a double-layer hydrogel composite.

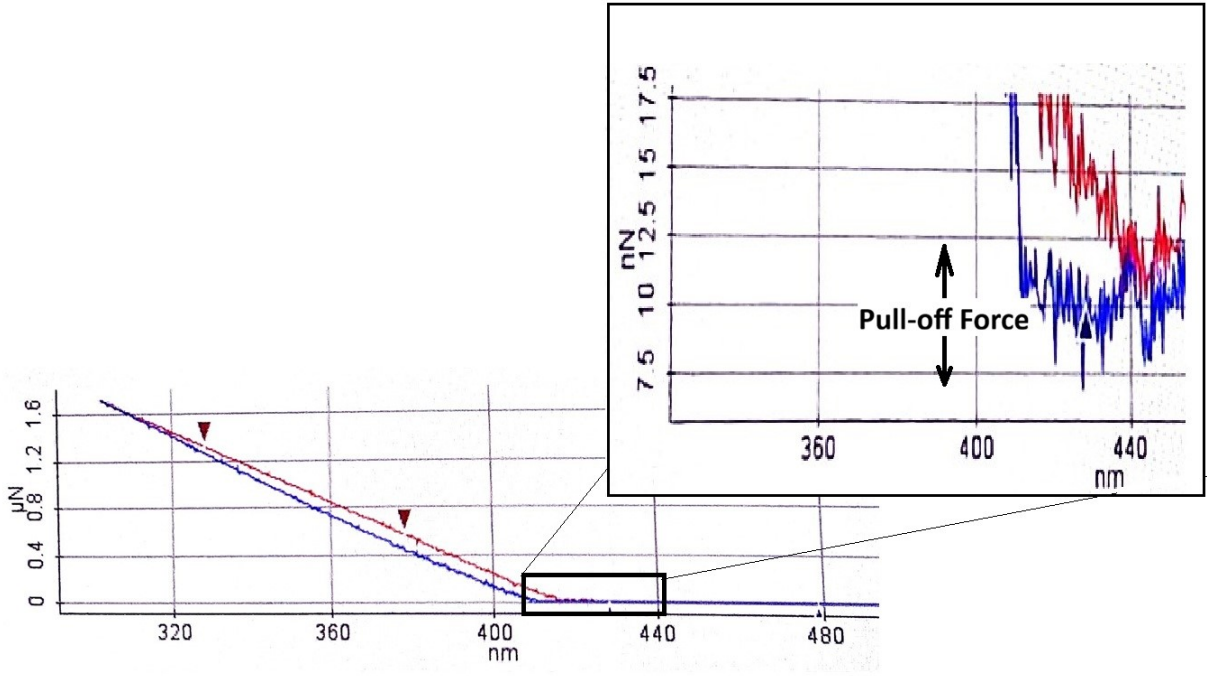


Figure S4. Representative AFM force-distance (FD) curve of the bilayer hydrogel system